

FIG. 1(a)

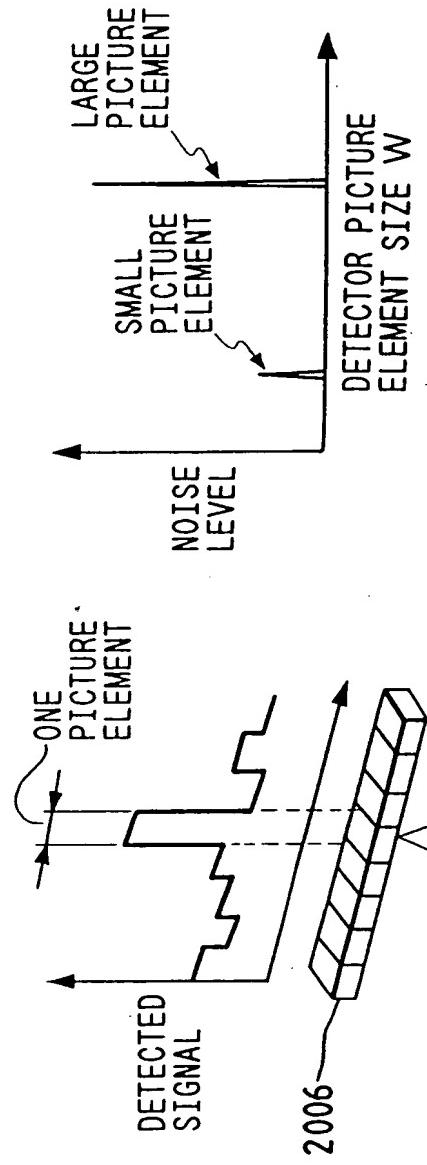


FIG. 1(c)

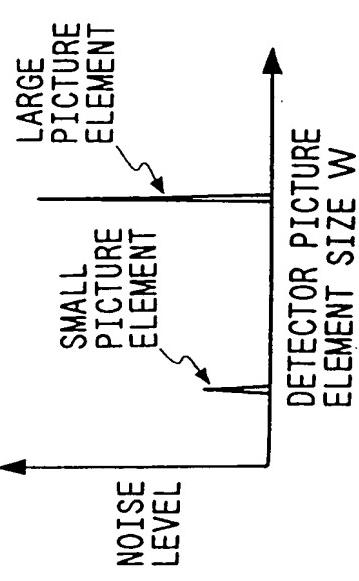
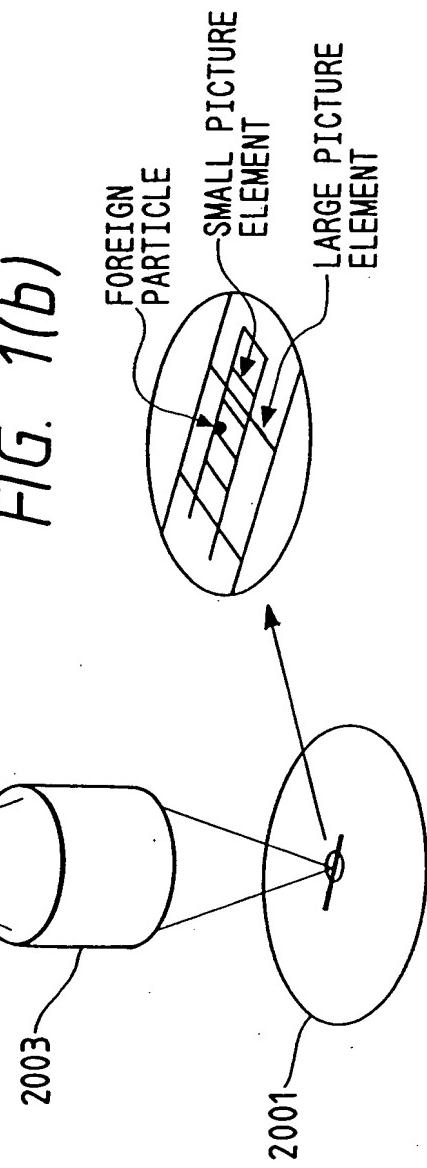
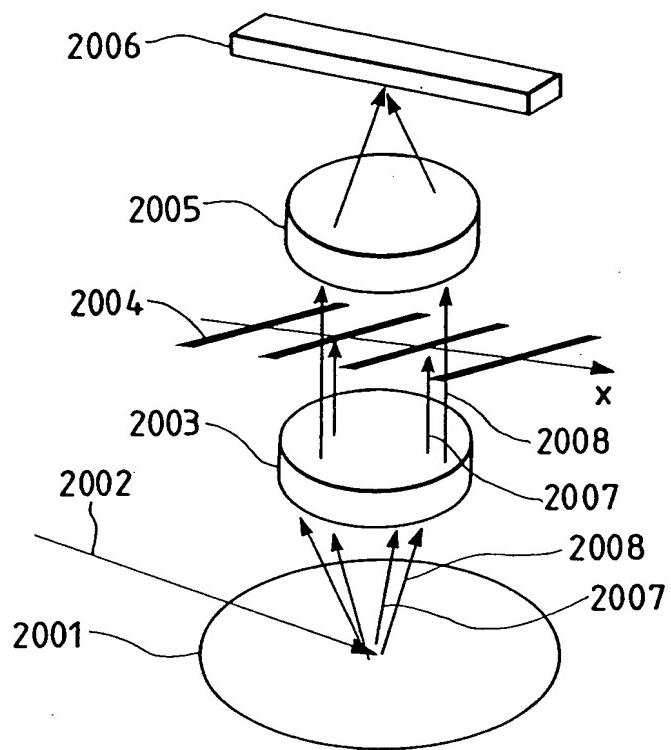


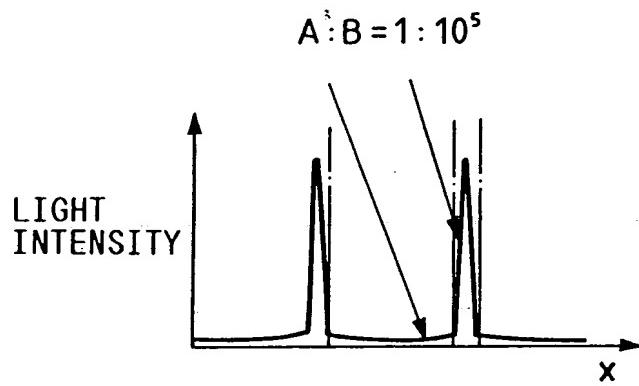
FIG. 1(b)



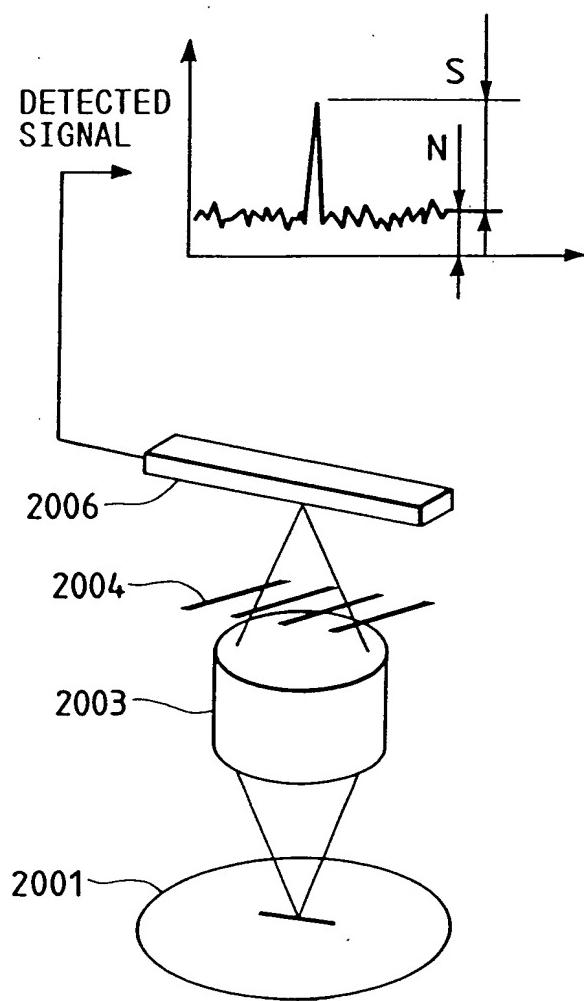
*FIG. 2*



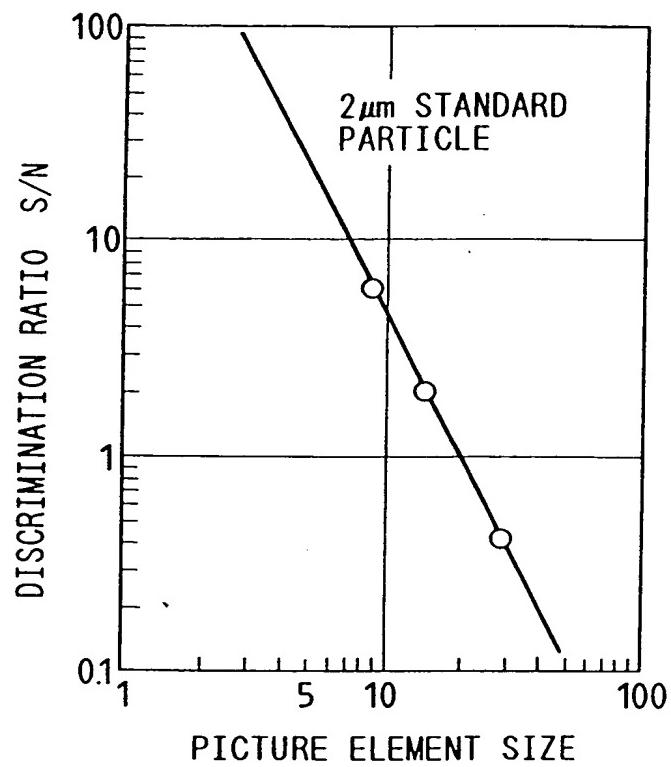
*FIG. 3*



*FIG. 4*



*FIG. 5*



*FIG. 6*

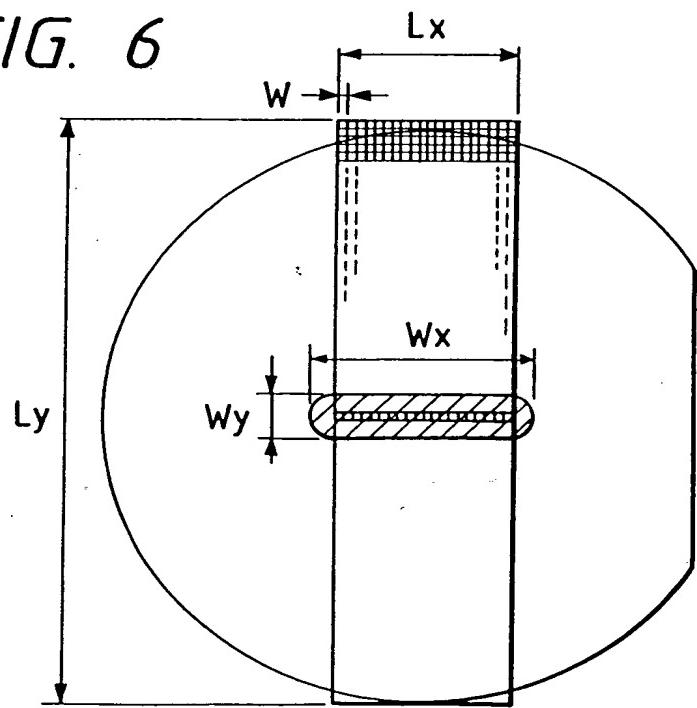


FIG. 7(a)

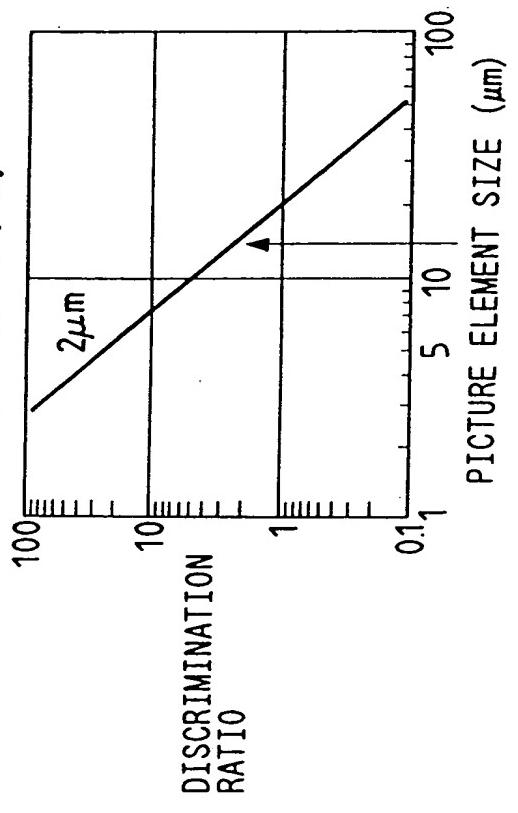


FIG. 7(b)

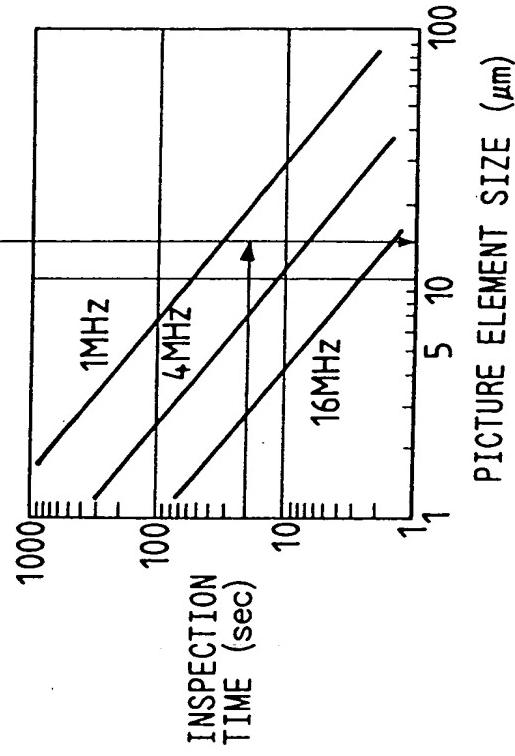
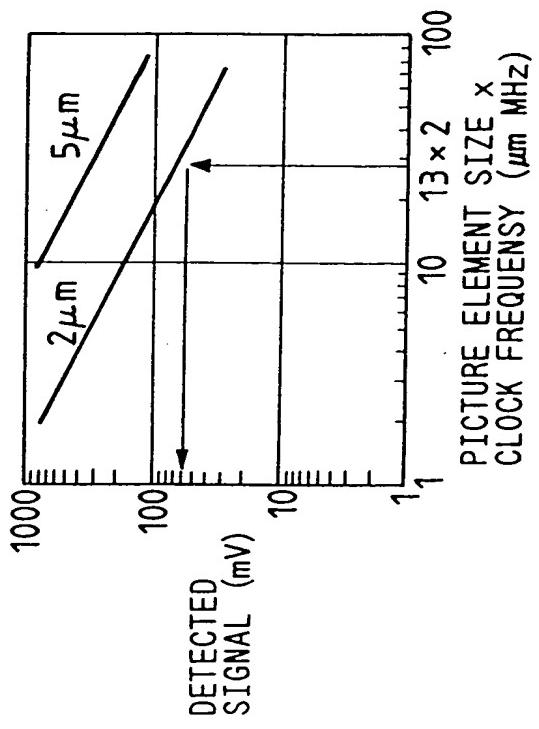


FIG. 7(c)



*FIG. 8*

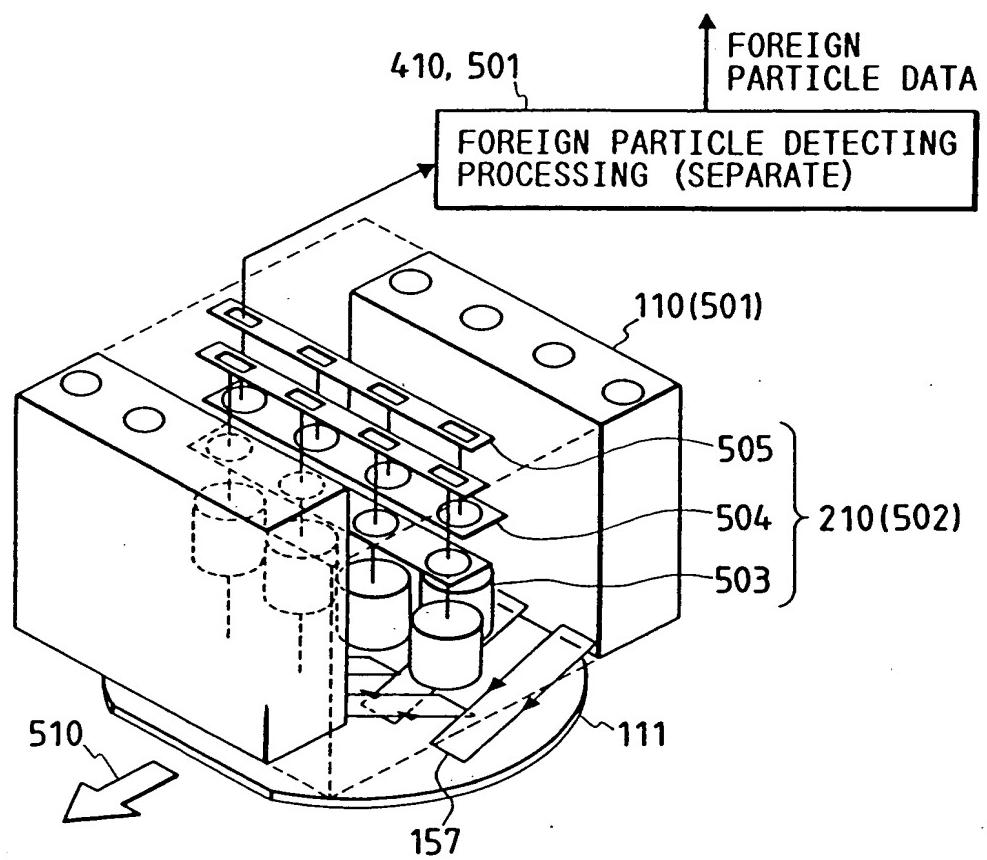


FIG. 9(a)

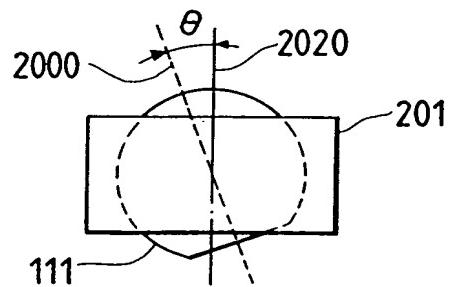
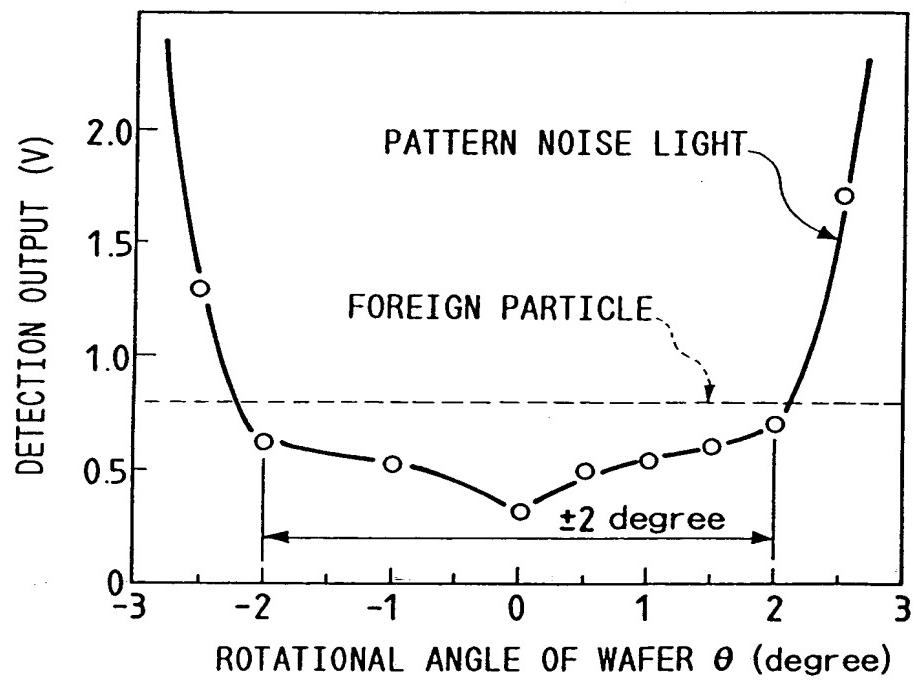
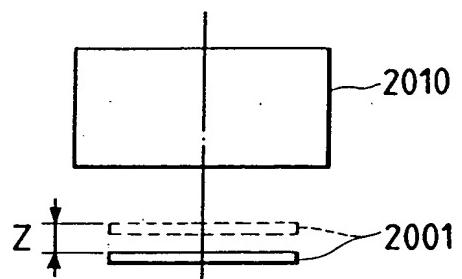


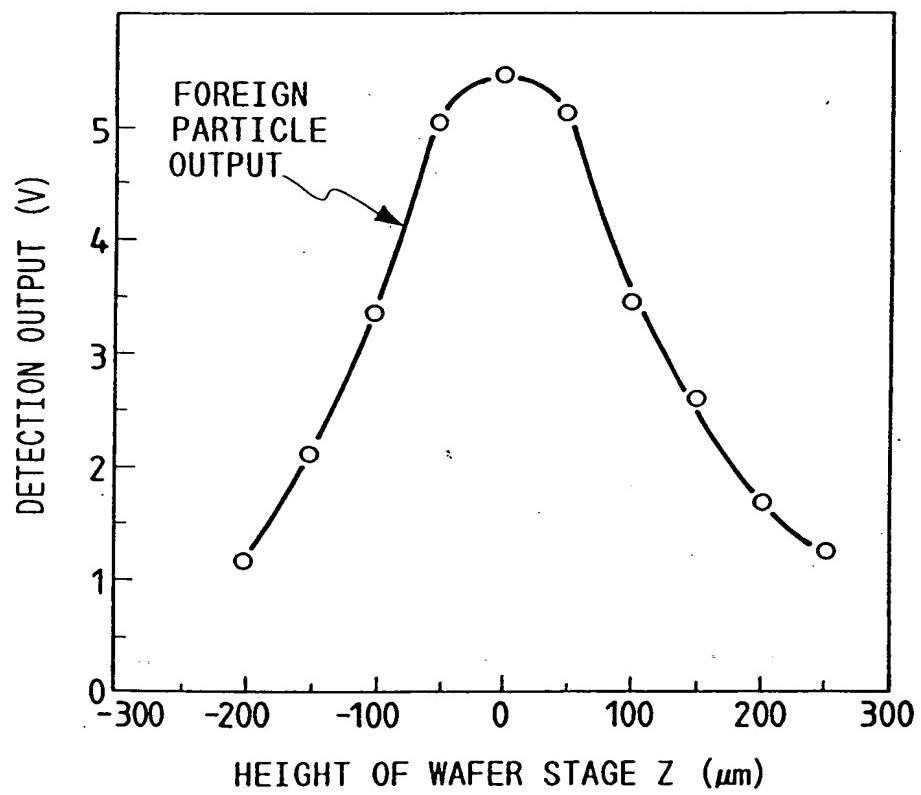
FIG. 9(b)



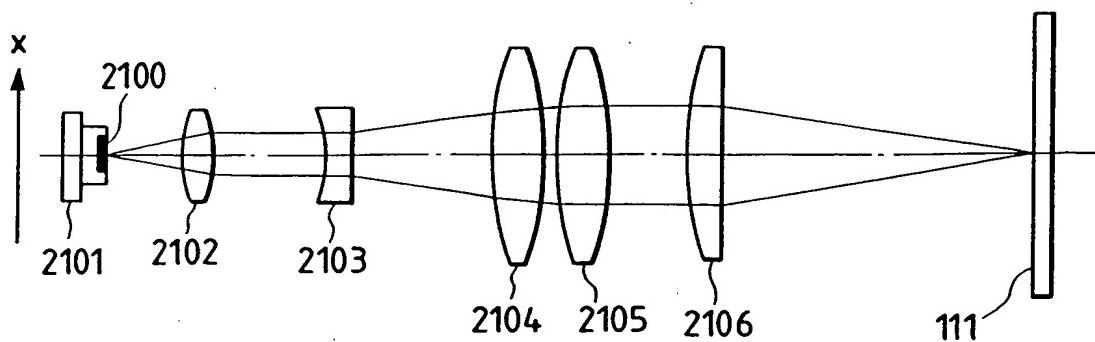
*FIG. 10(a)*



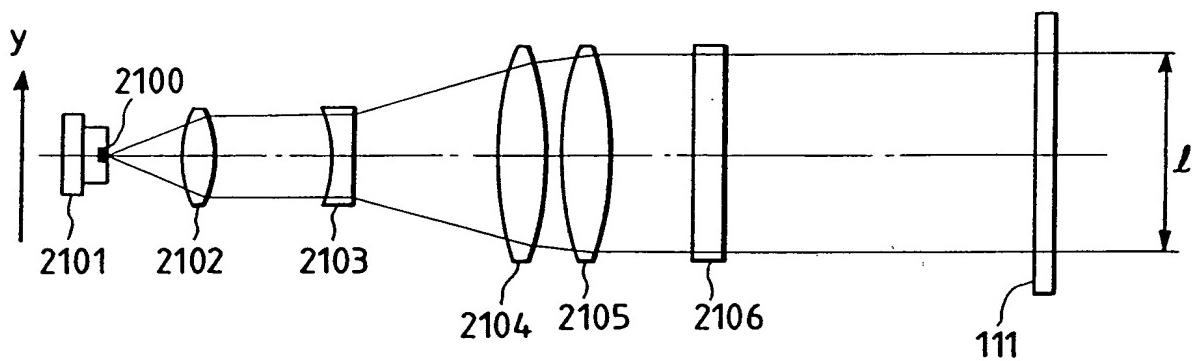
*FIG. 10(b)*



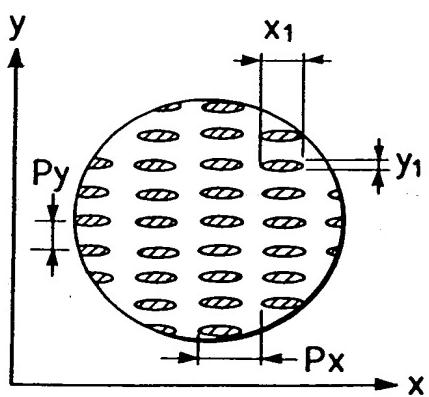
*FIG. 11(a)*



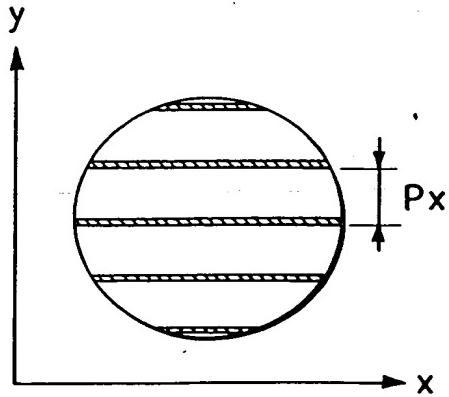
*FIG. 11(b)*



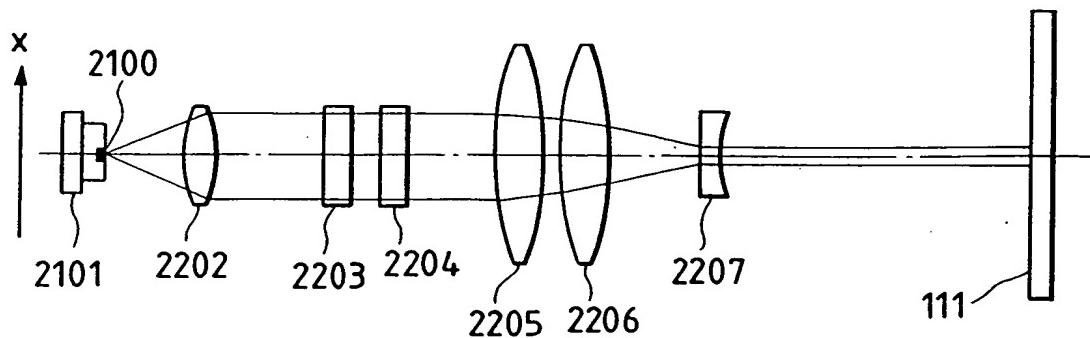
*FIG. 12(a)*



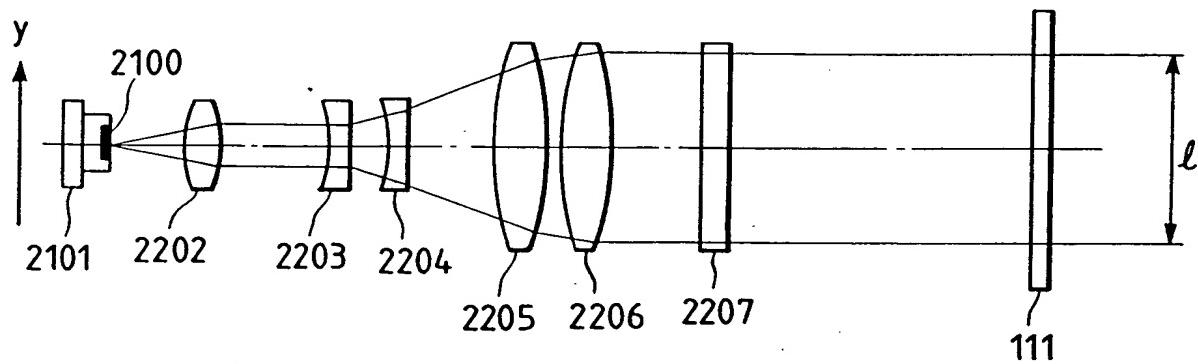
*FIG. 12(b)*



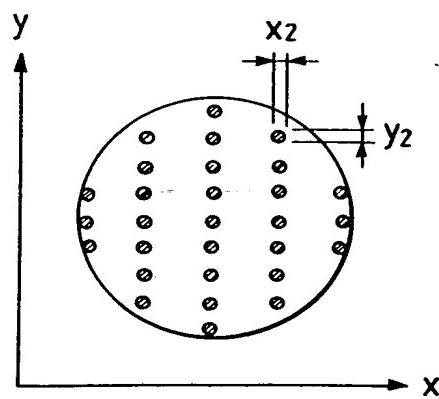
*FIG. 13(a)*



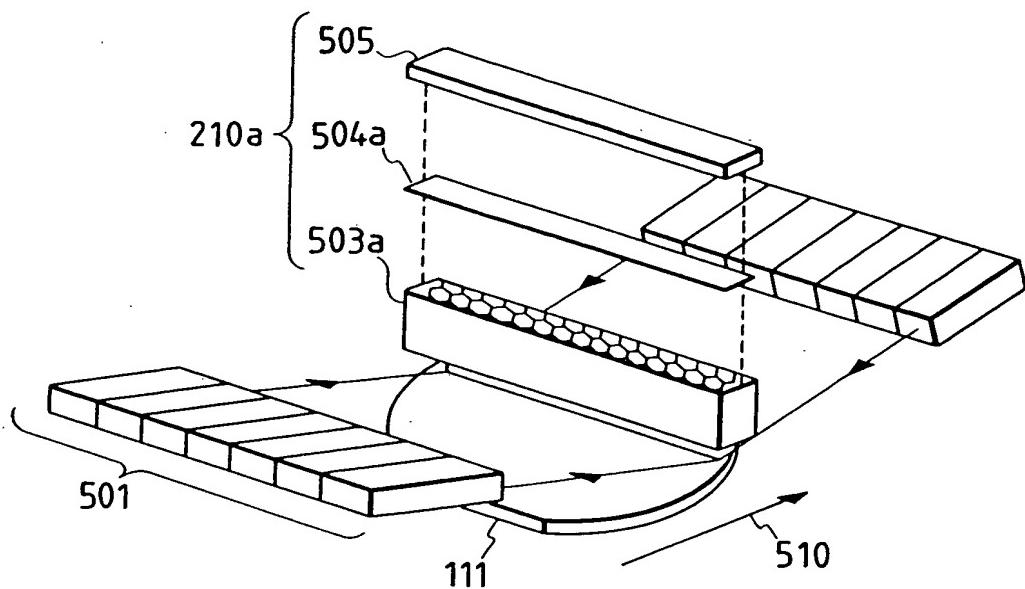
*FIG. 13(b)*



*FIG. 14*



*FIG. 15*



*FIG. 16*

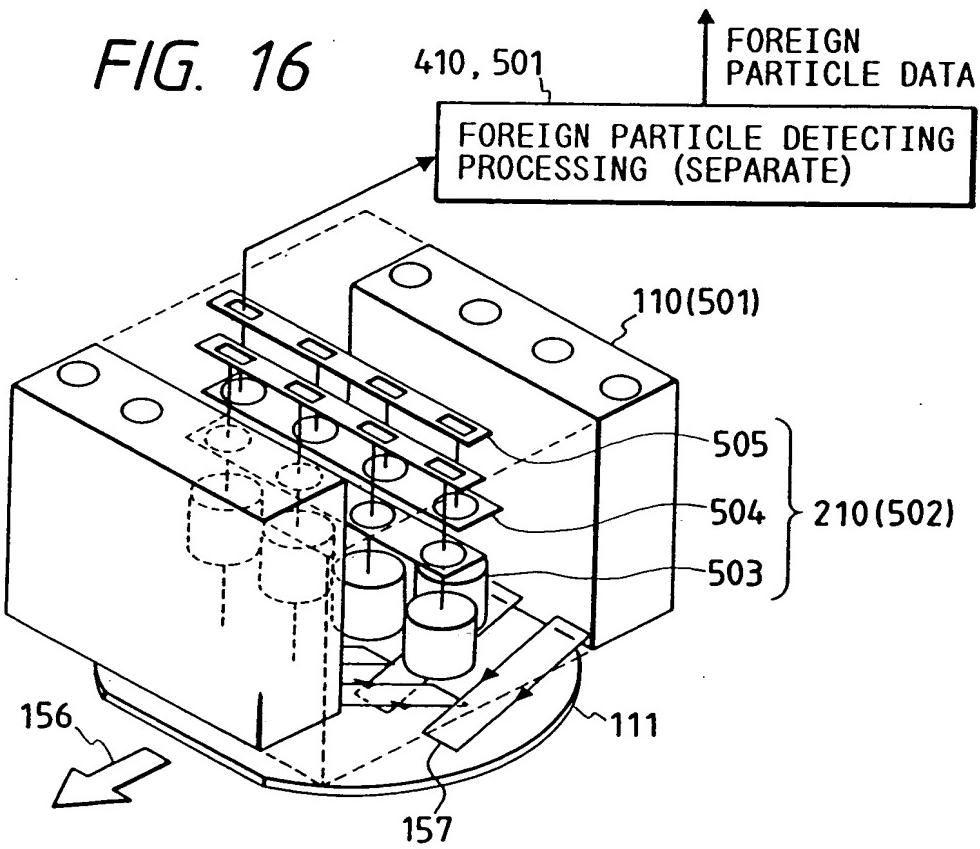


FIG. 17(a)

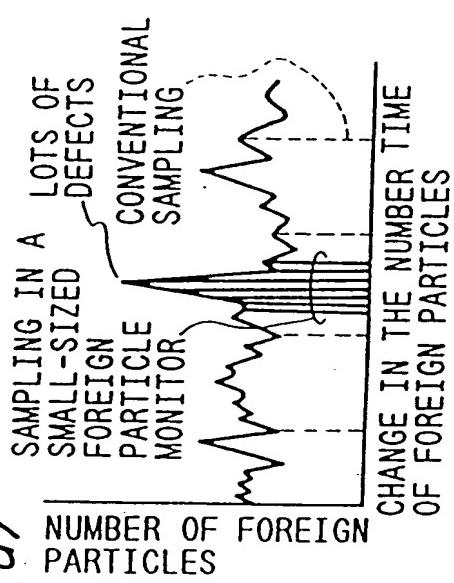


FIG. 17(c)

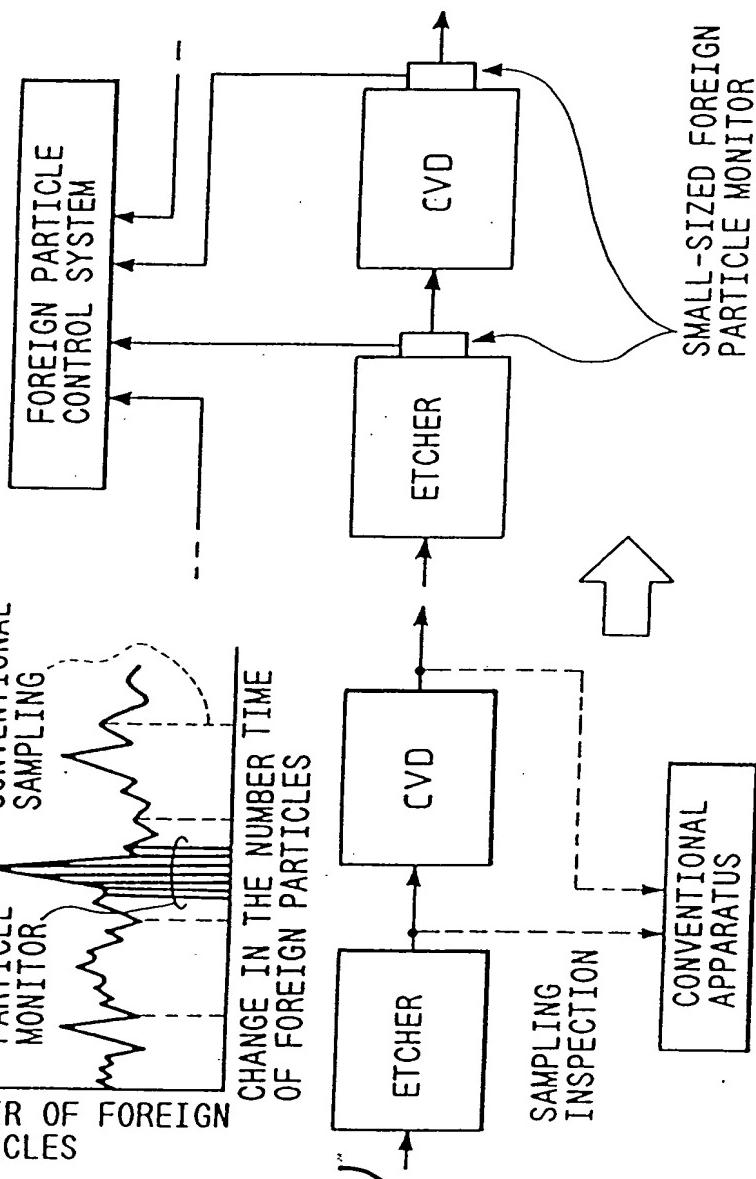


FIG. 17(b)

FIG. 18

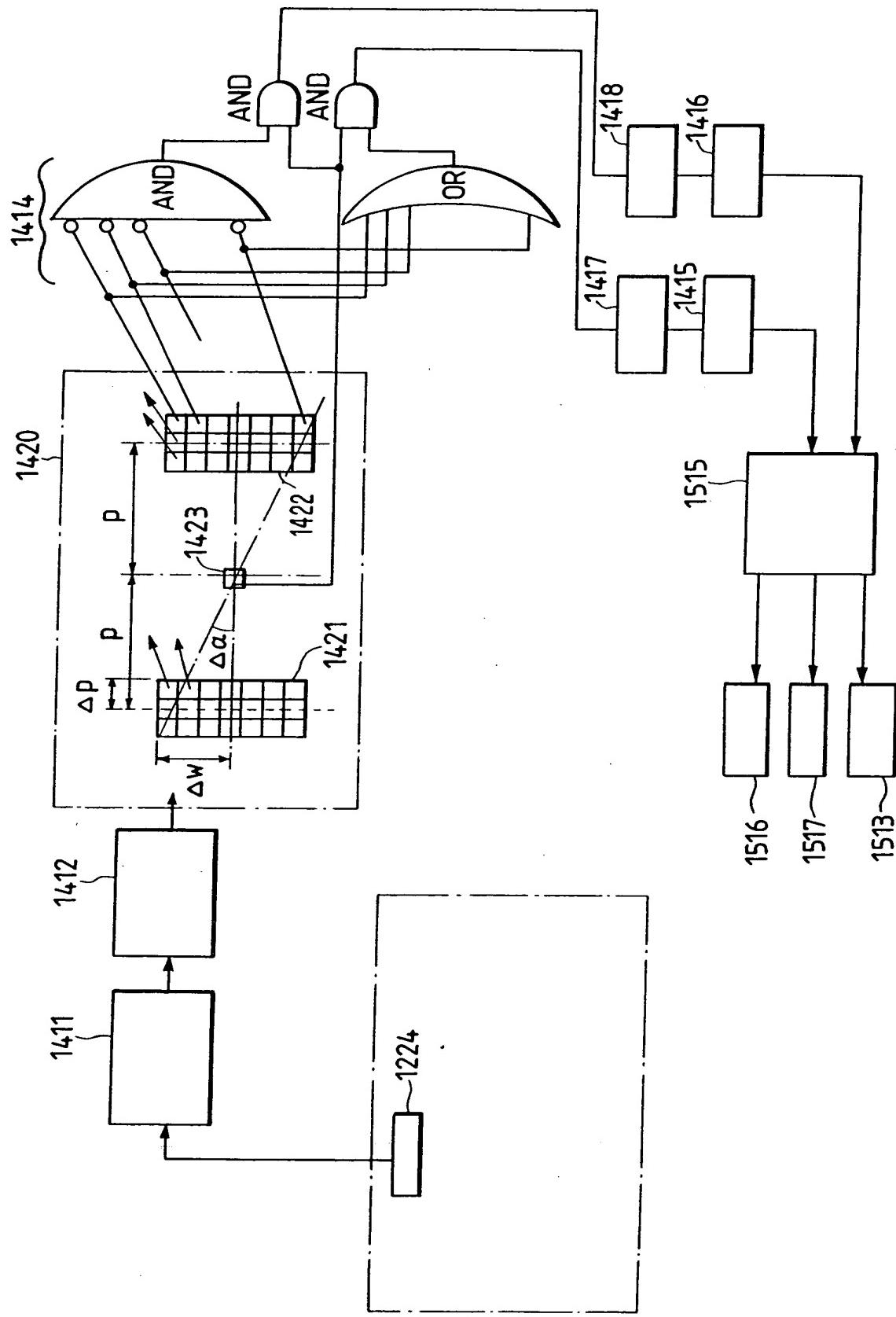
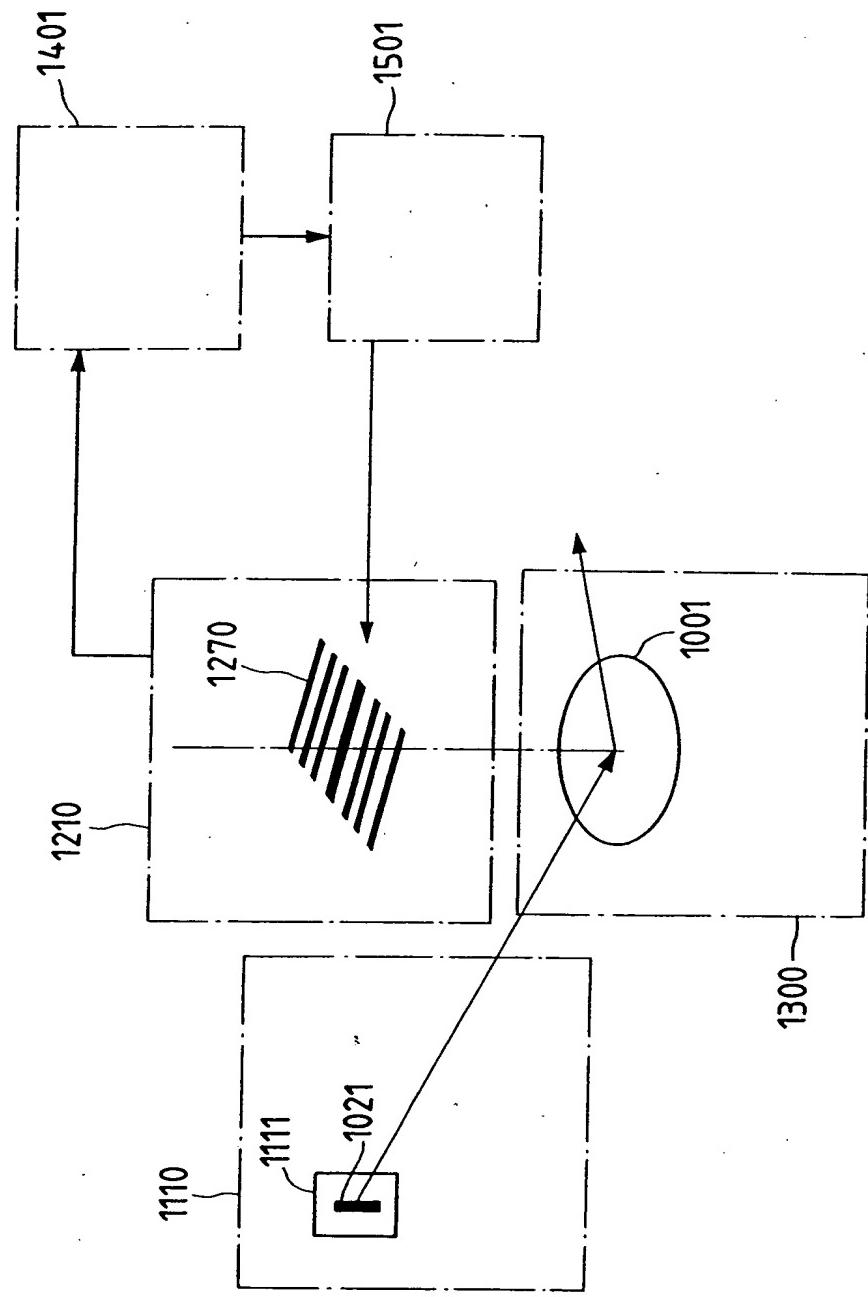
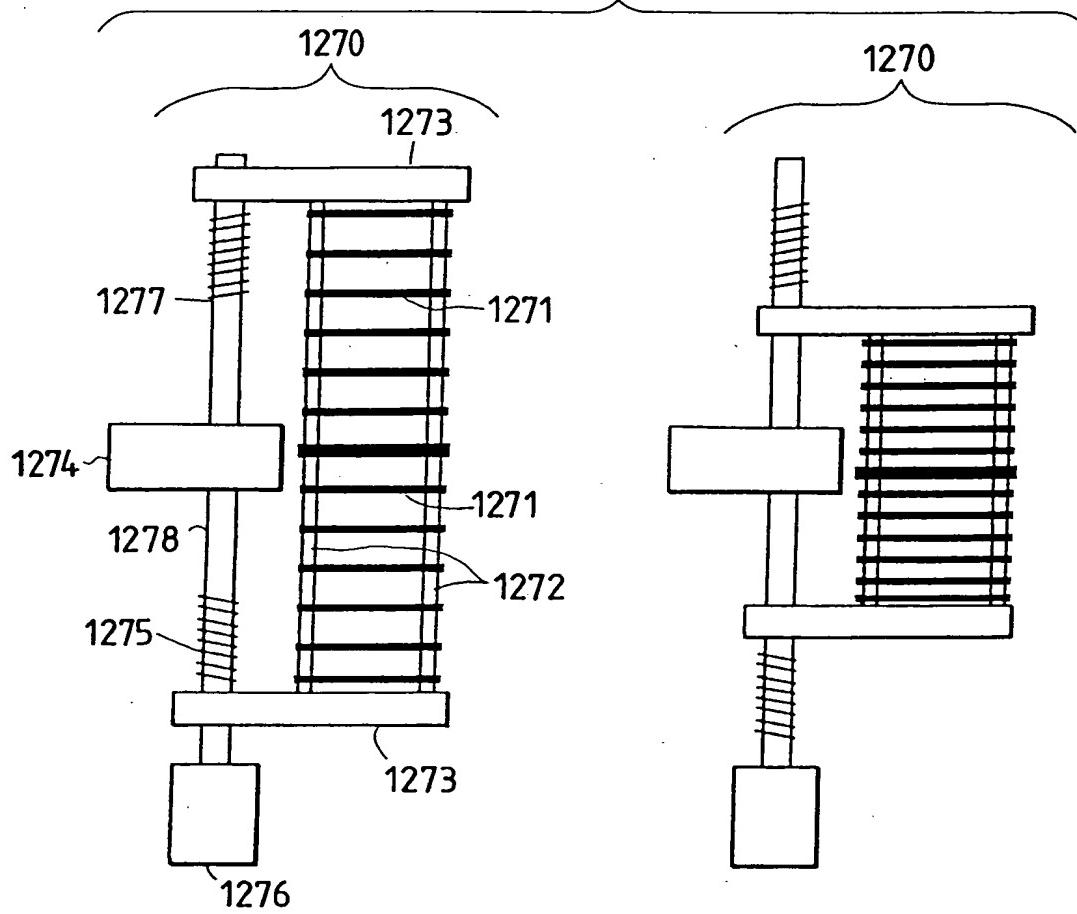


FIG. 19



*FIG. 20*



*FIG. 21*

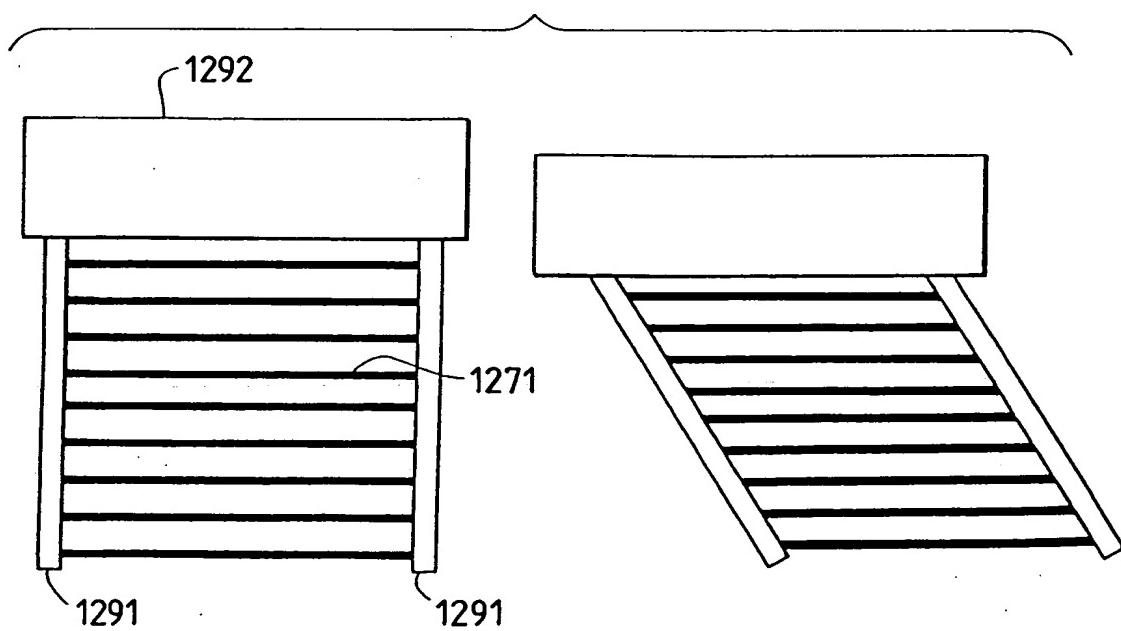


FIG. 22

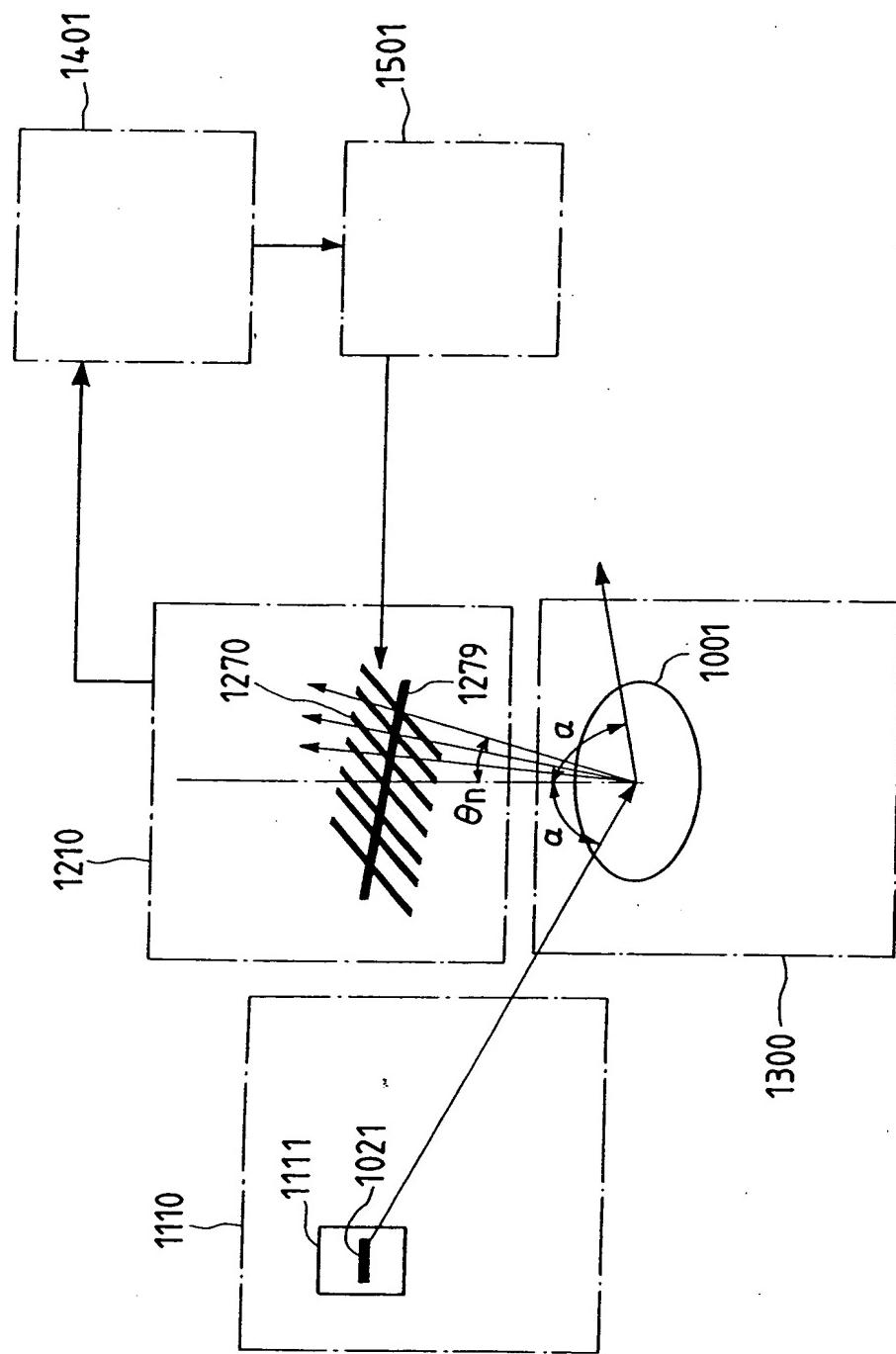


FIG. 23

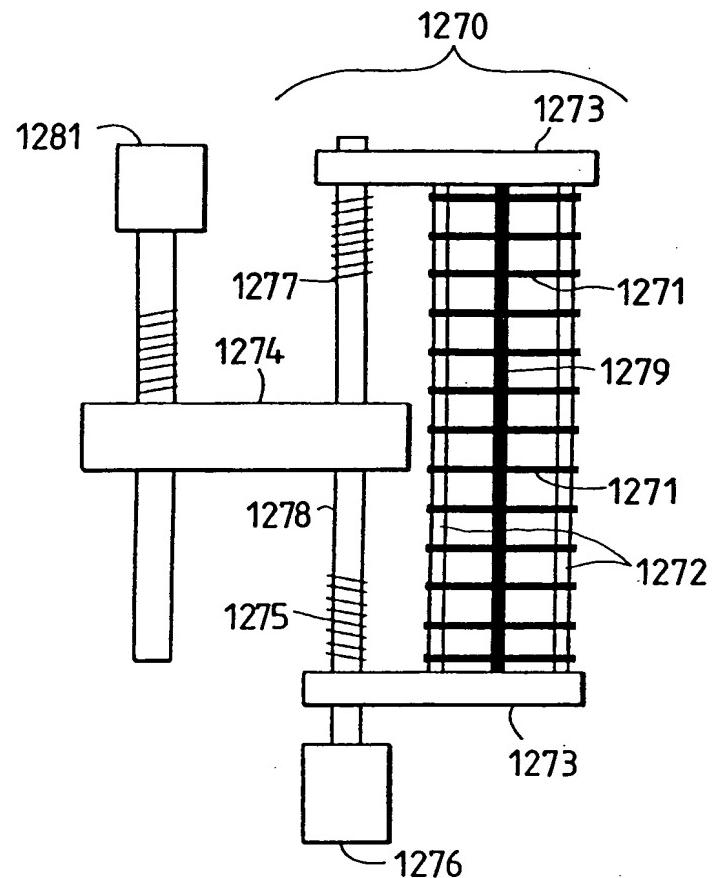


FIG. 26

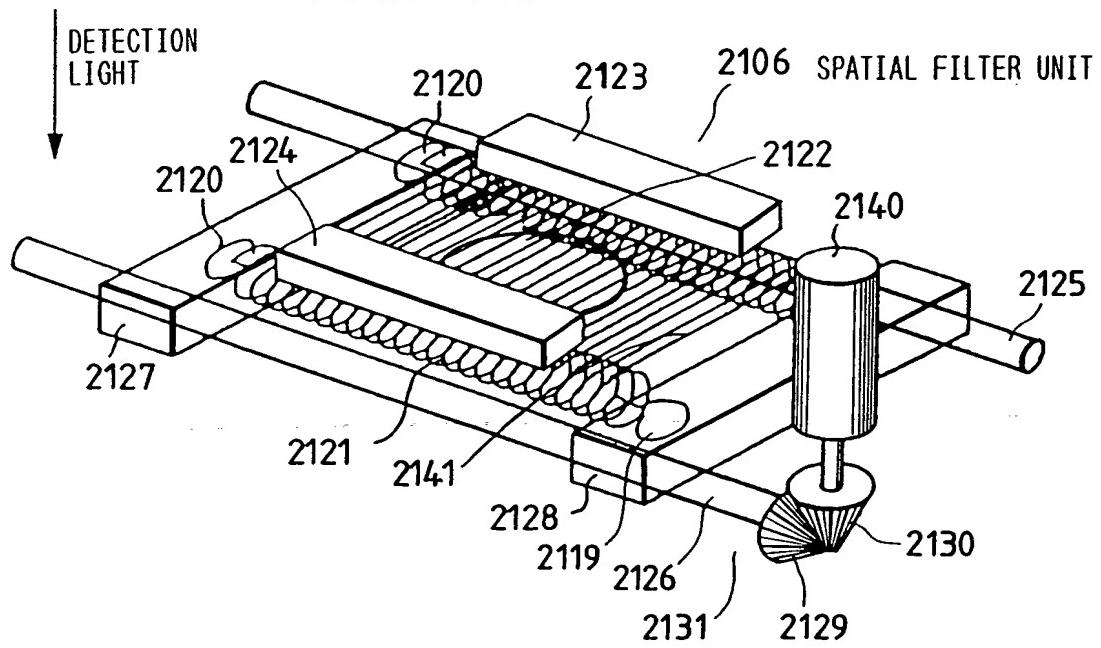


FIG. 24

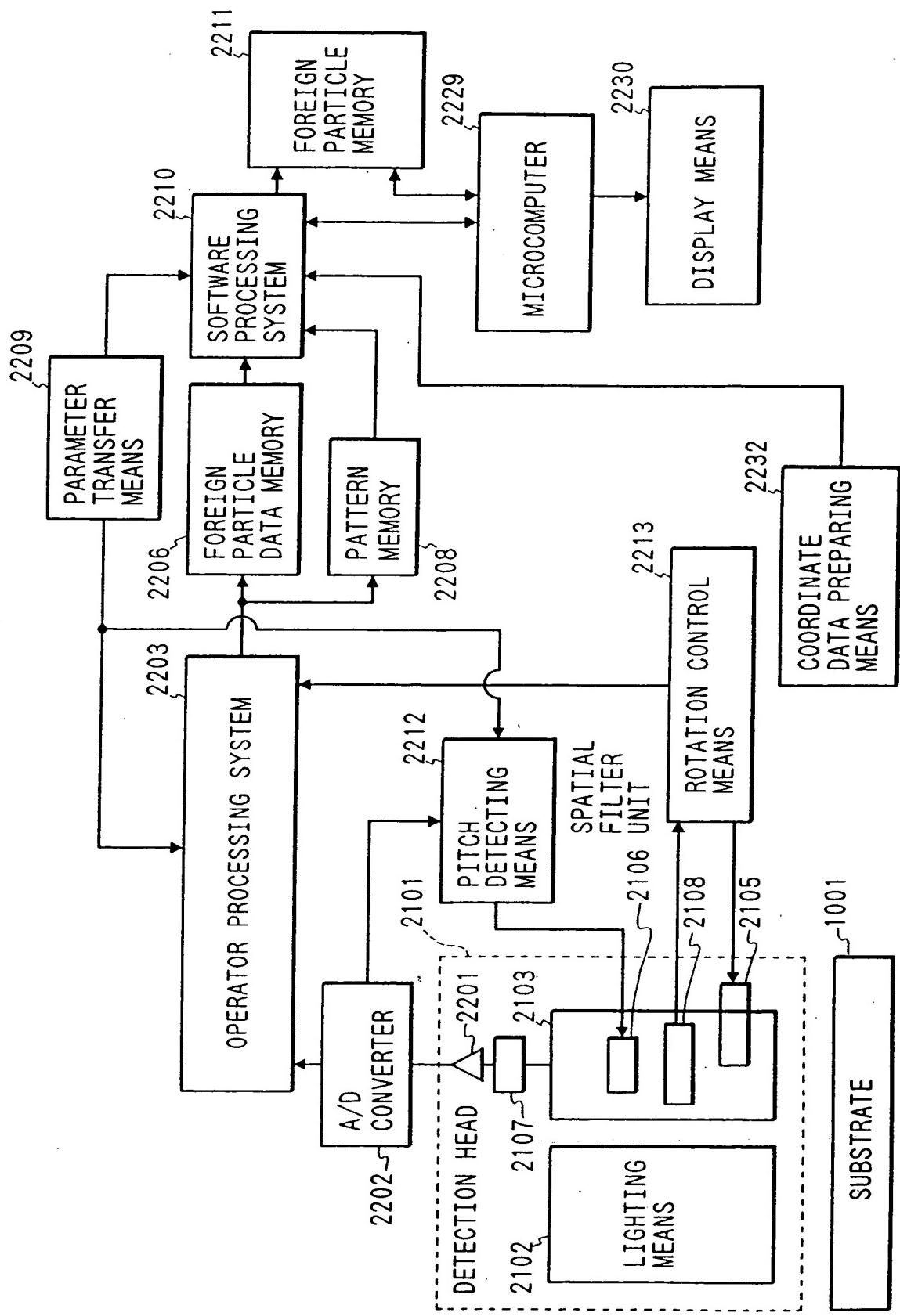


FIG. 25(a)

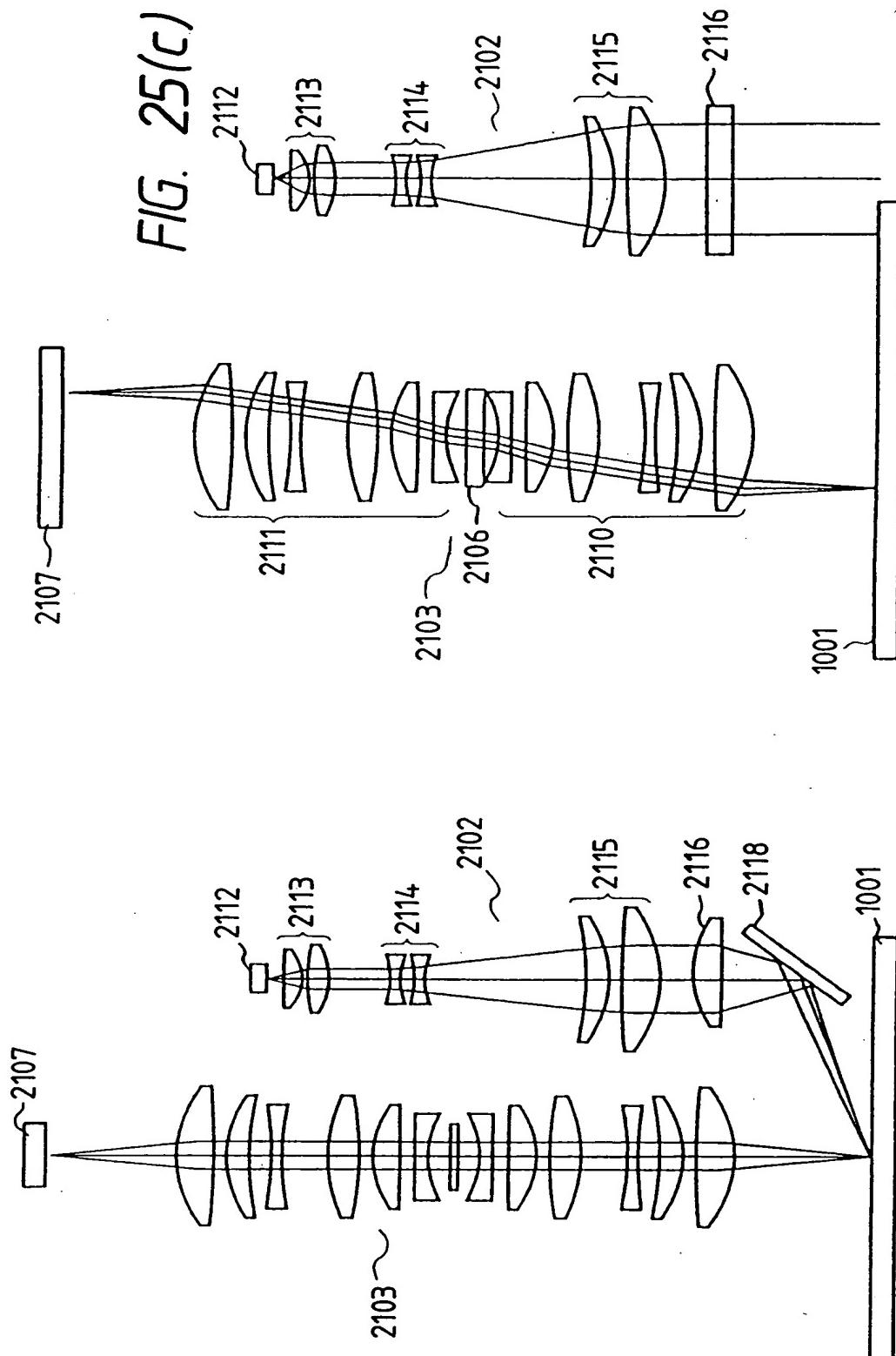


FIG. 25(b)

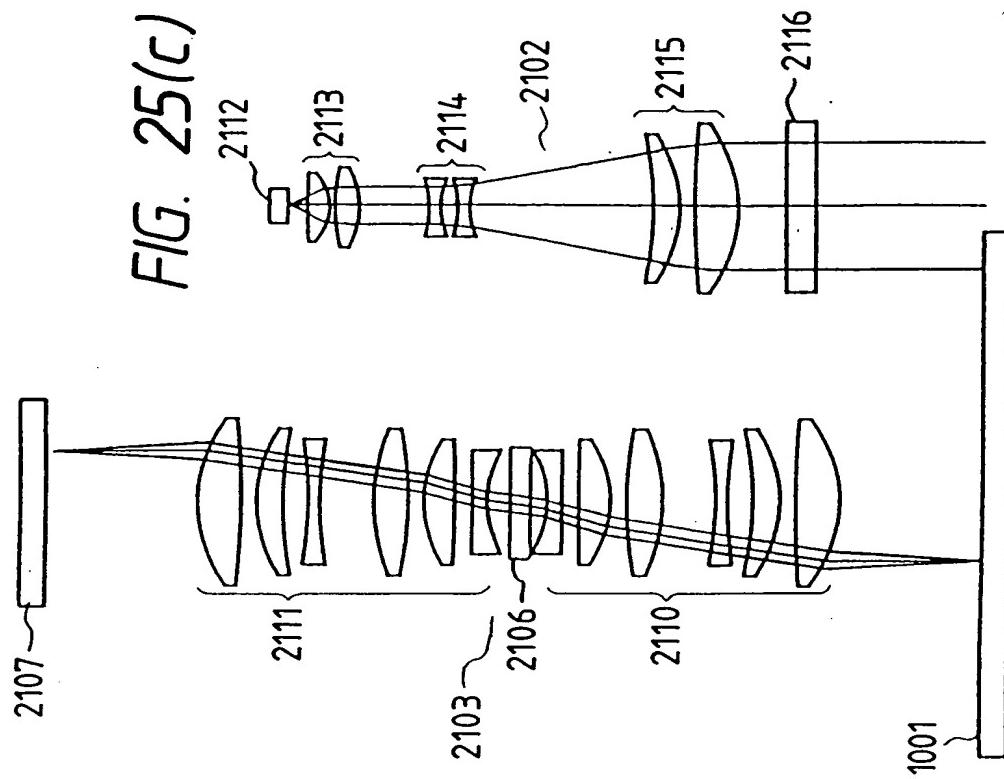


FIG. 25(c)

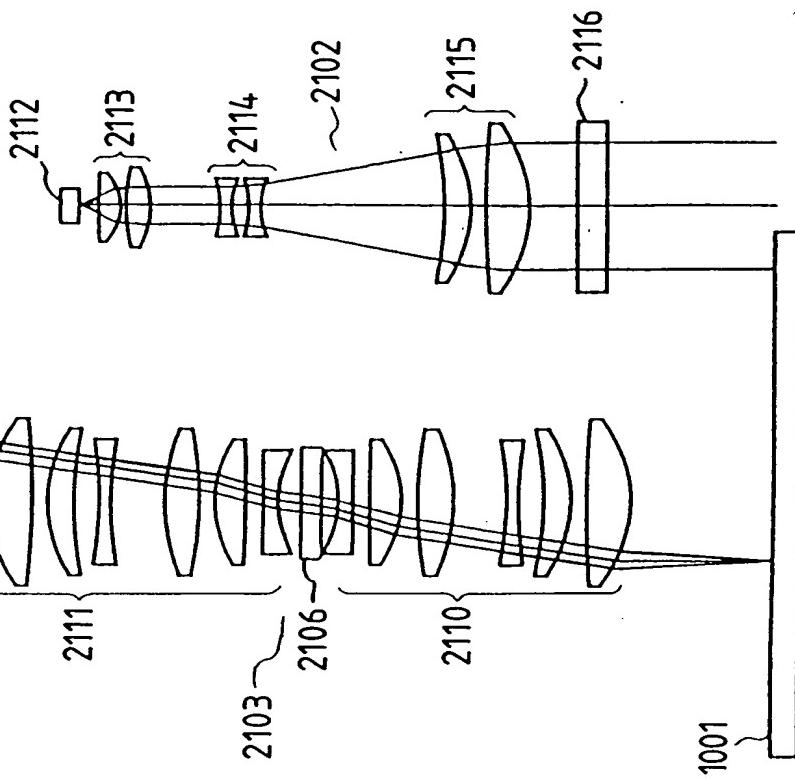


FIG. 27

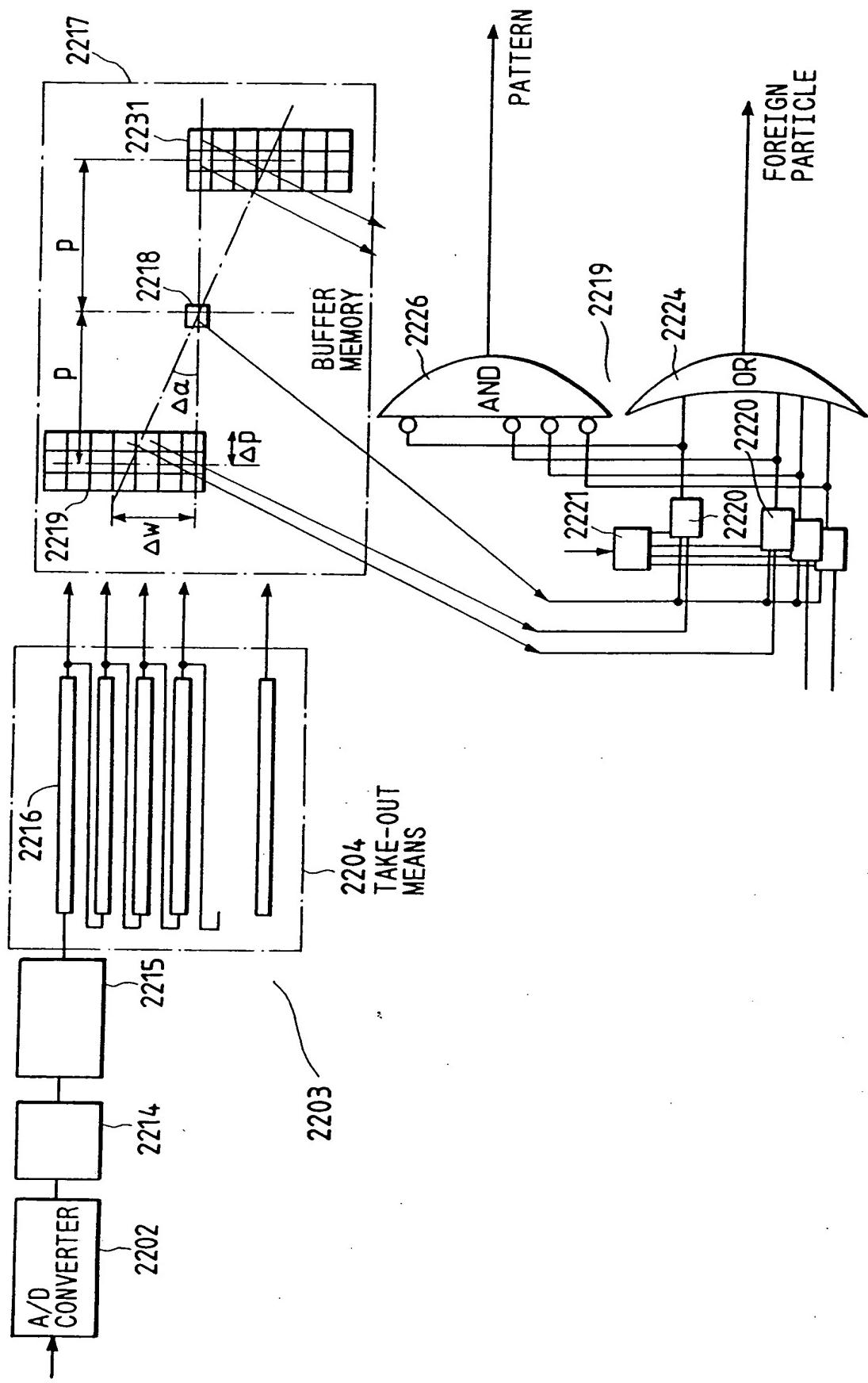
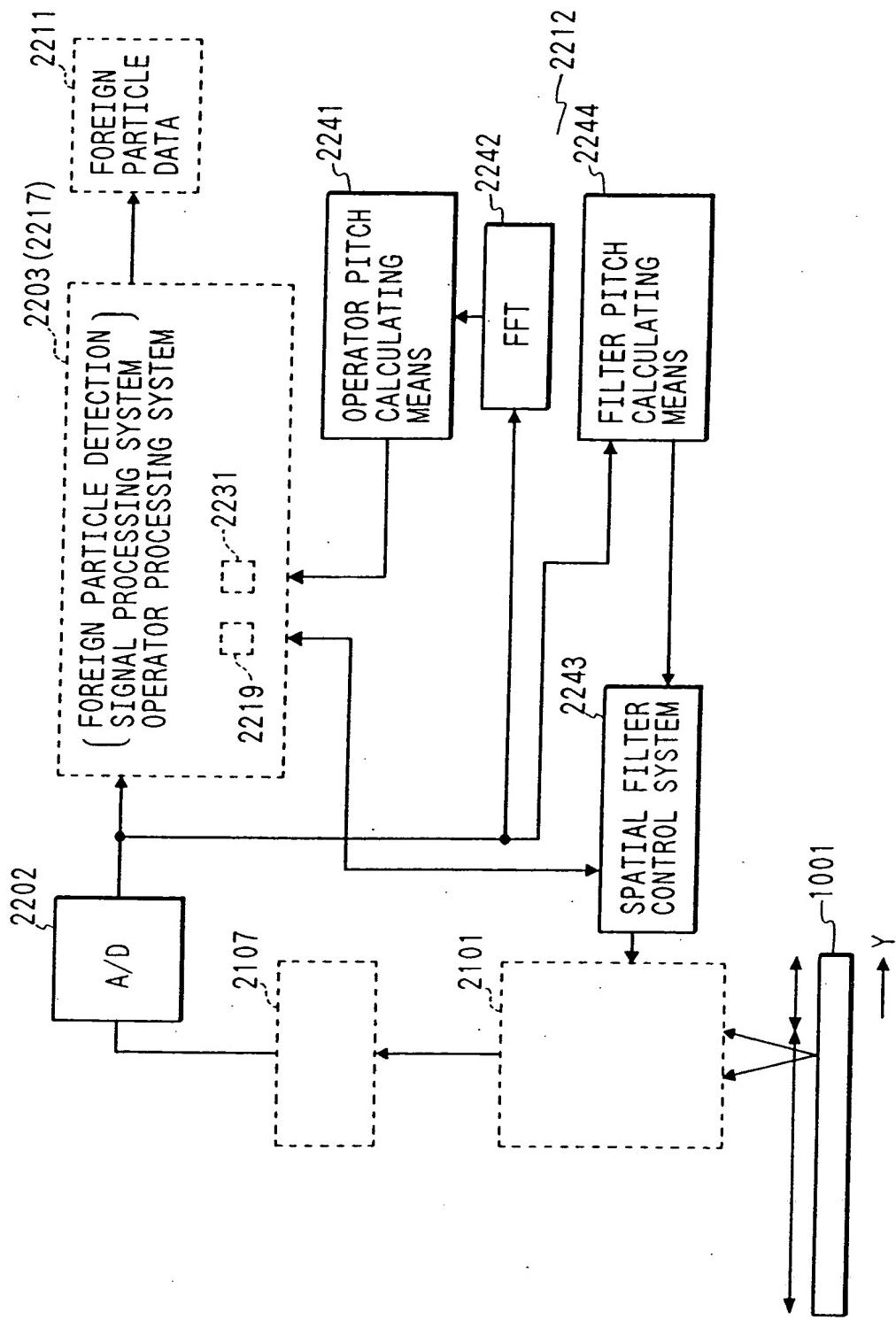
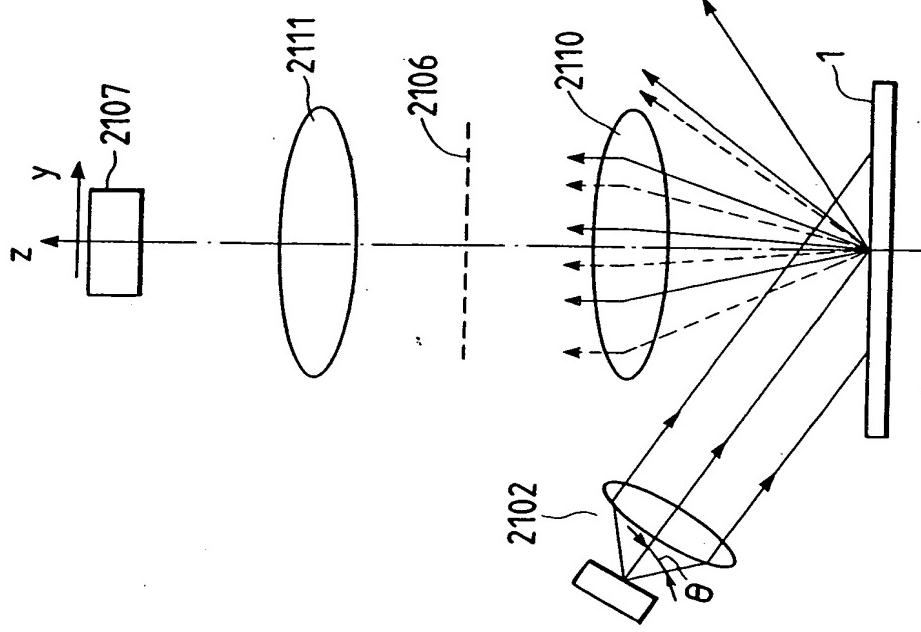


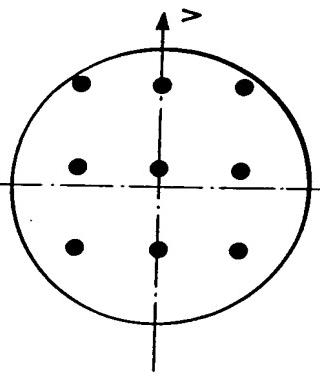
FIG. 28



**FIG. 29(a) PRIOR ART**



**FIG. 29(b)  
PRIOR ART**



**FIG. 29(c)  
PRIOR ART**

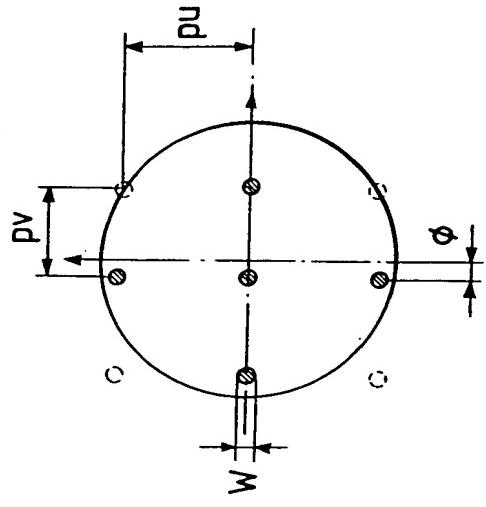


FIG. 30(a)

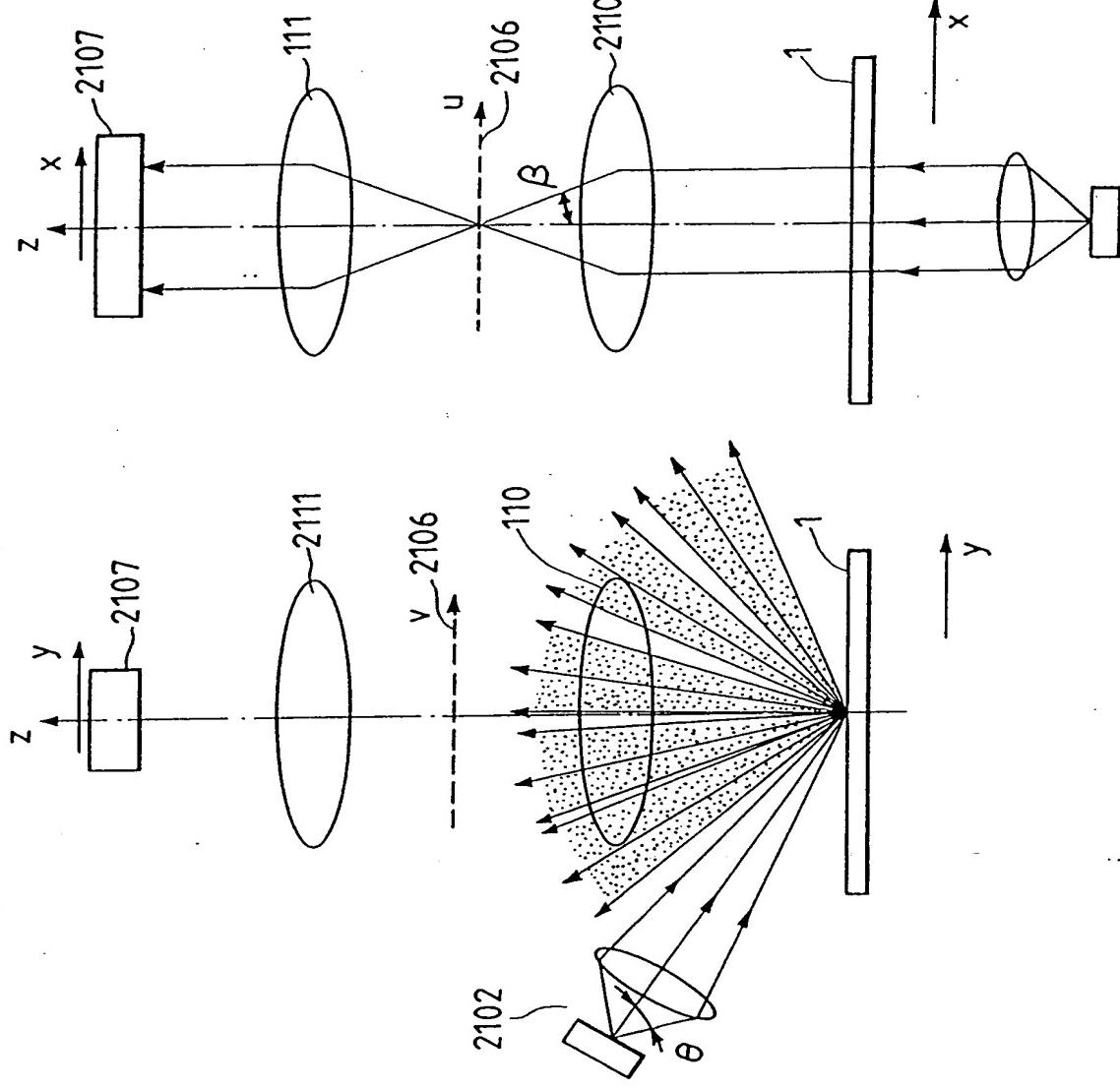


FIG. 30(d)

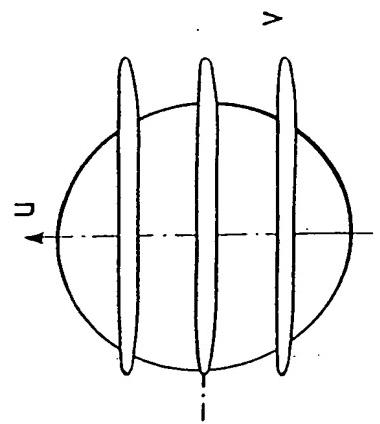


FIG. 30(b)

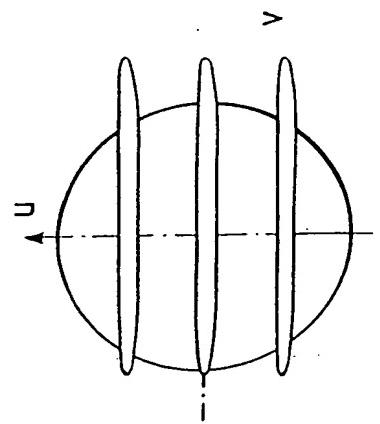
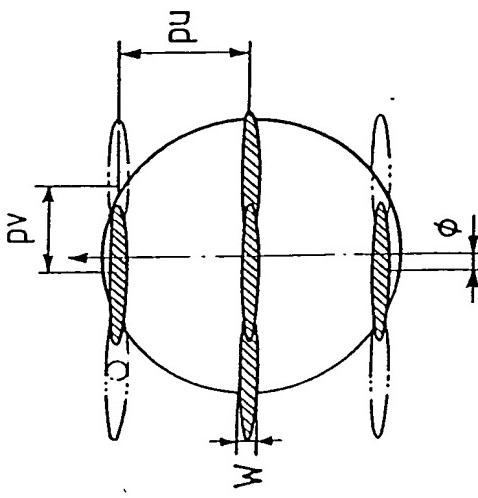
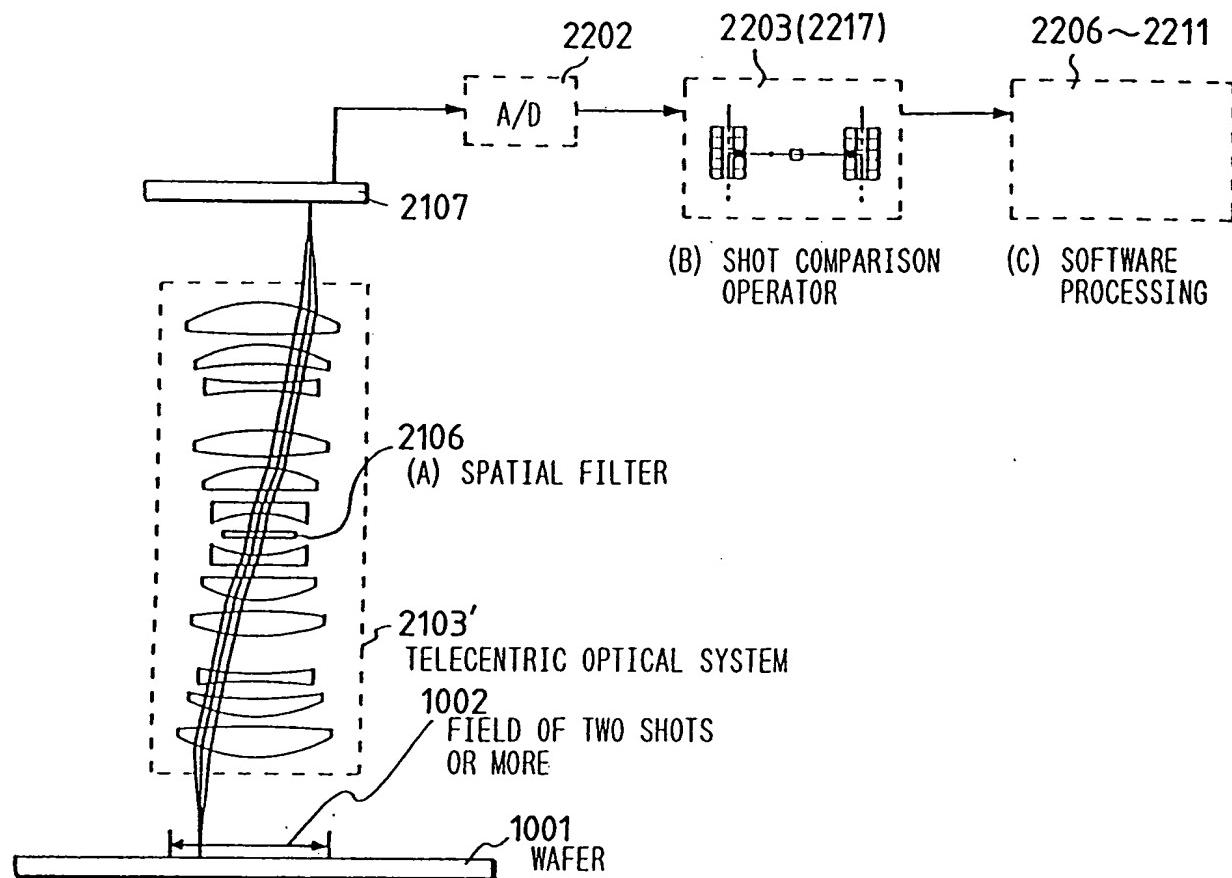


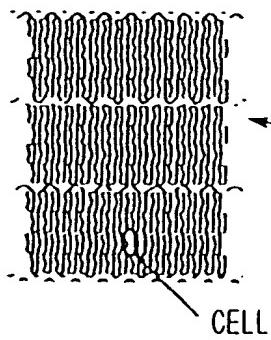
FIG. 30(c)



*FIG. 31(a)*



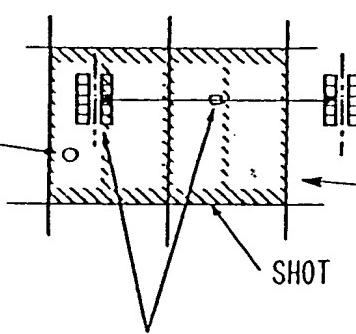
*FIG. 31(b)(1)*



(1) ERASING OF PATTERN USING SPATIAL FILTER

ERASE THE REPEATABILITY OF CELL USING SPATIAL FILTER

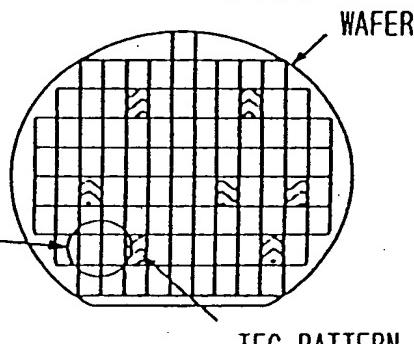
*FIG. 31(b)(2)*



(2) ERASING OF PATTERN USING SHOT COMPARISON OPERATOR

ERASE USING THE REPEATABILITY OF TWO SHOTS

*FIG. 31(b)(3)*



(3) ERASING OF TEG PATTERN USING SOFTWARE

ERASE USING COORDINATE-MATRIX DATA

FIG. 32

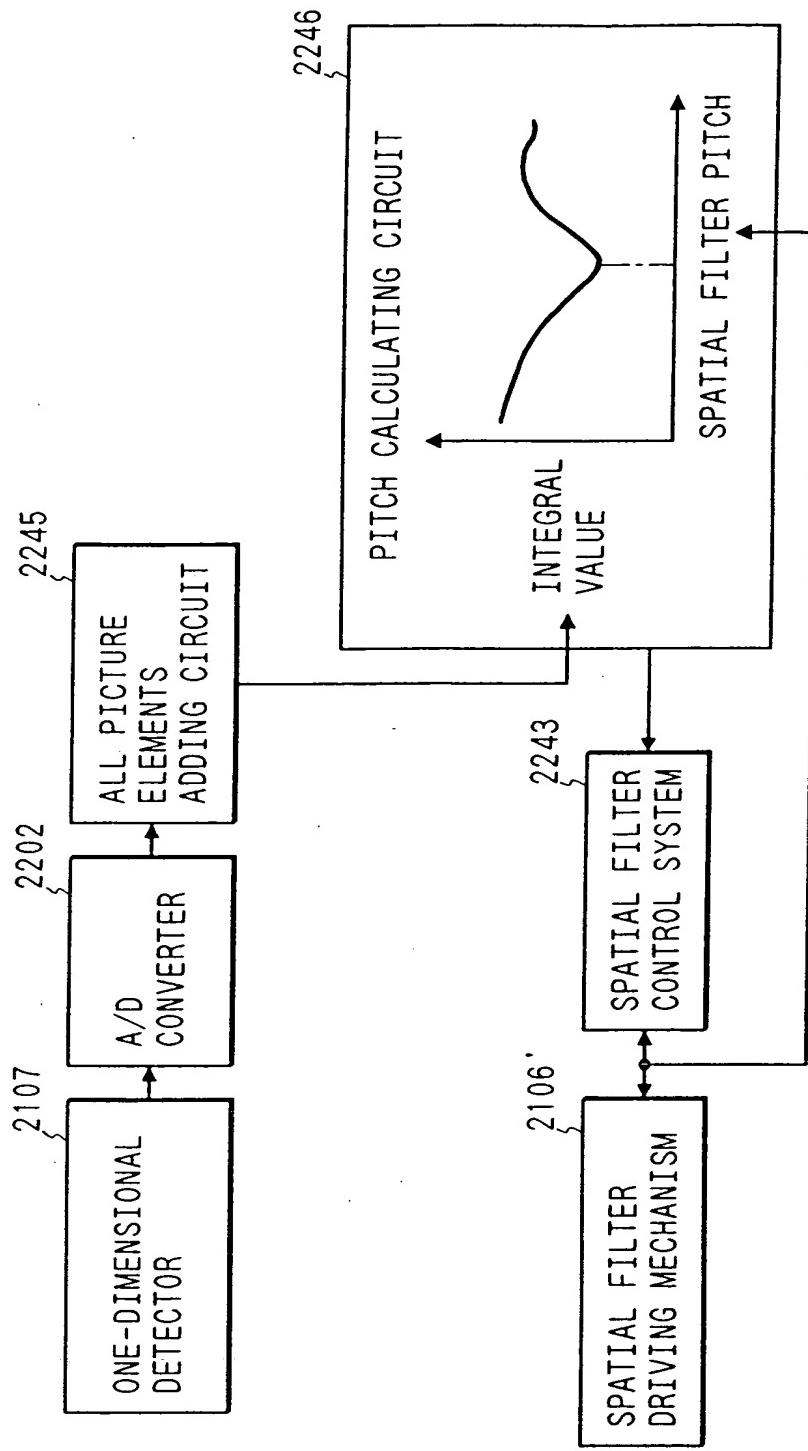


FIG. 33(a)

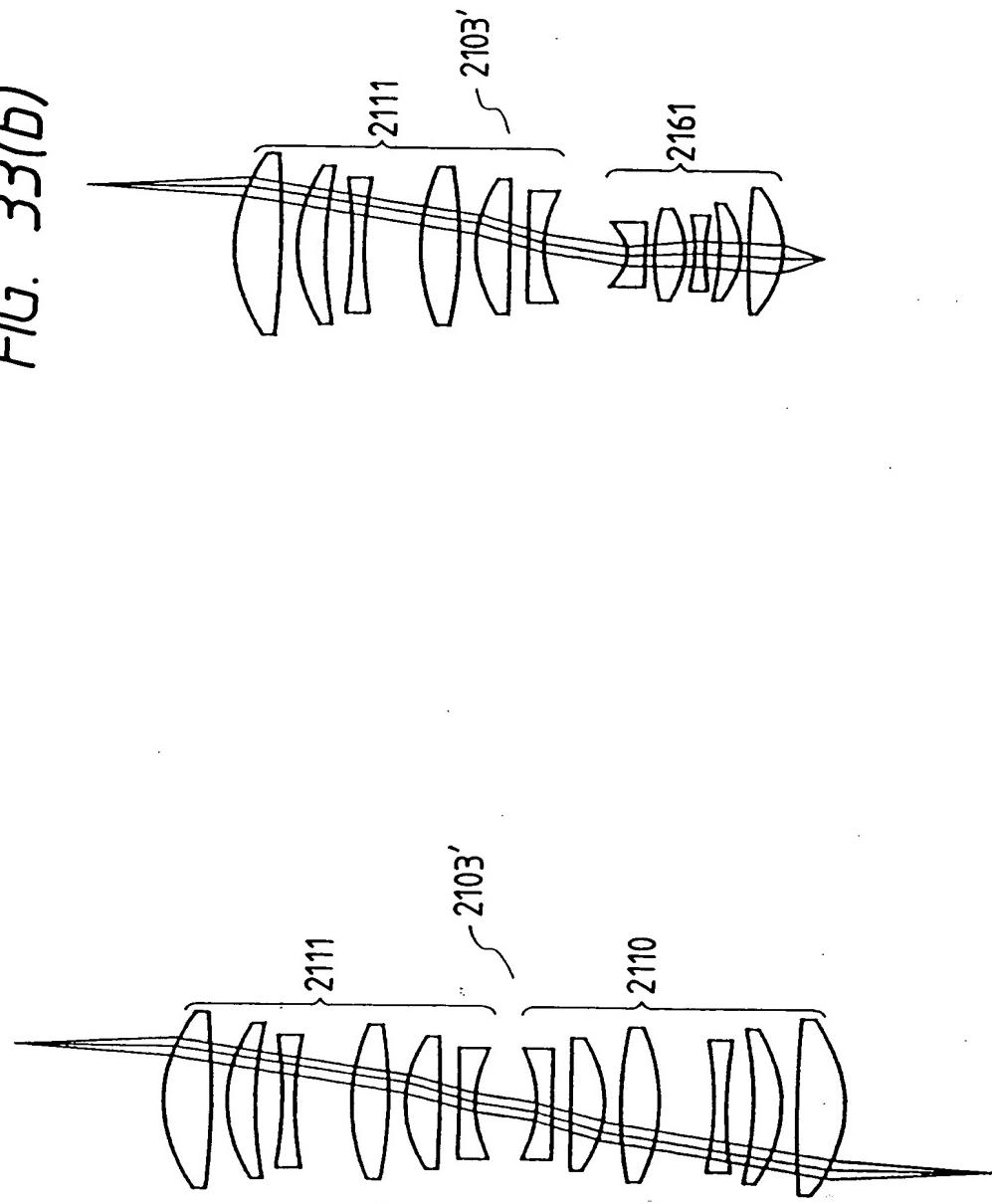


FIG. 33(b)

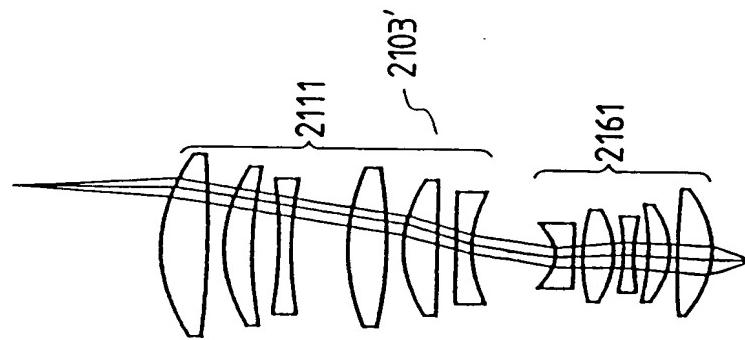


FIG. 34(a)

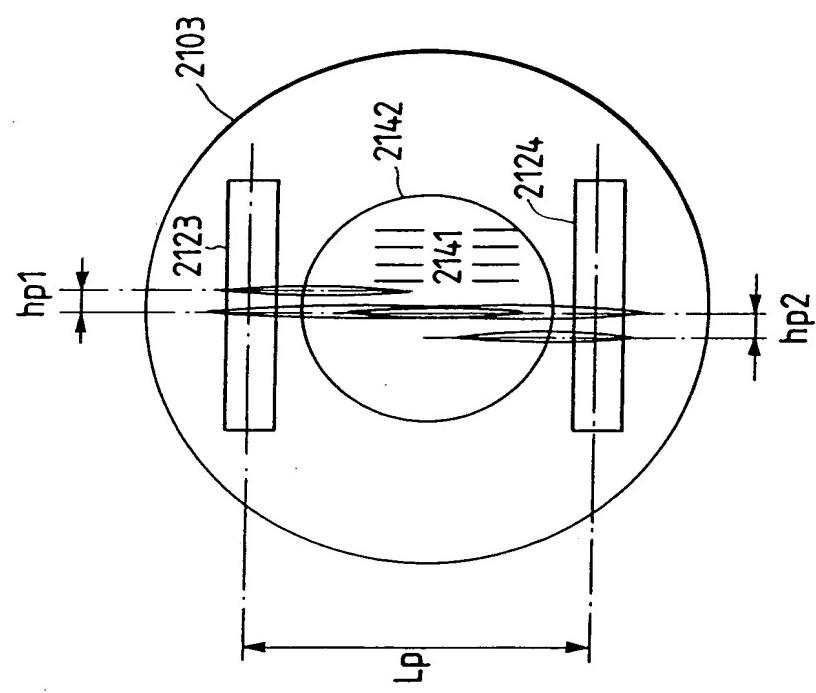


FIG. 34(b)

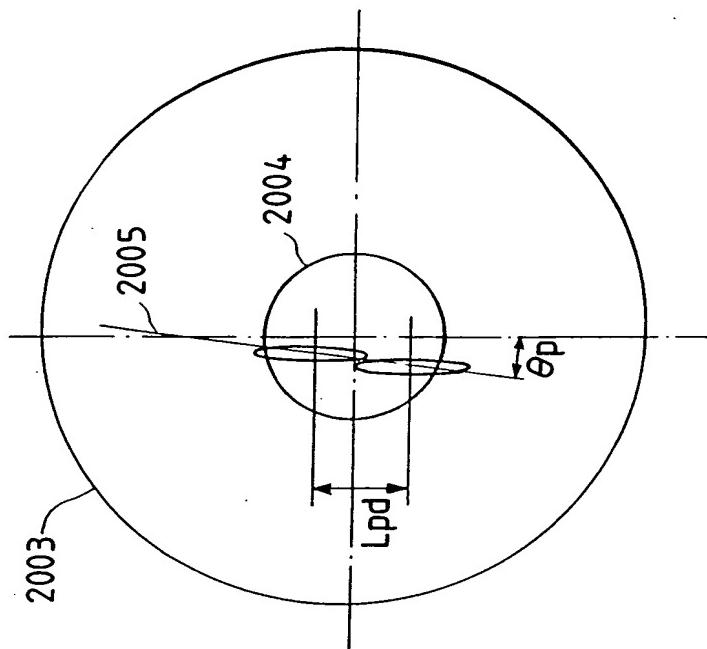


FIG. 35

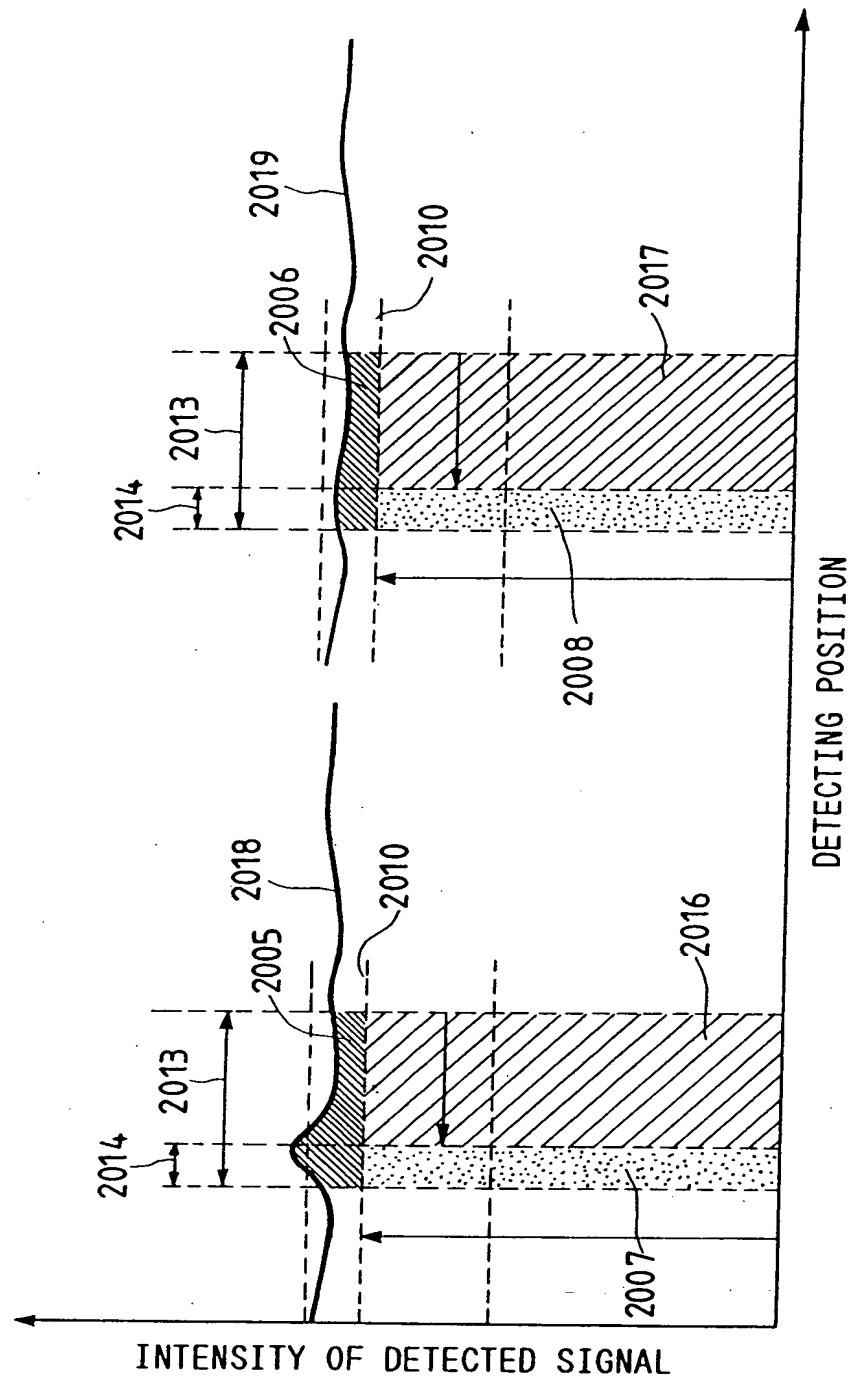
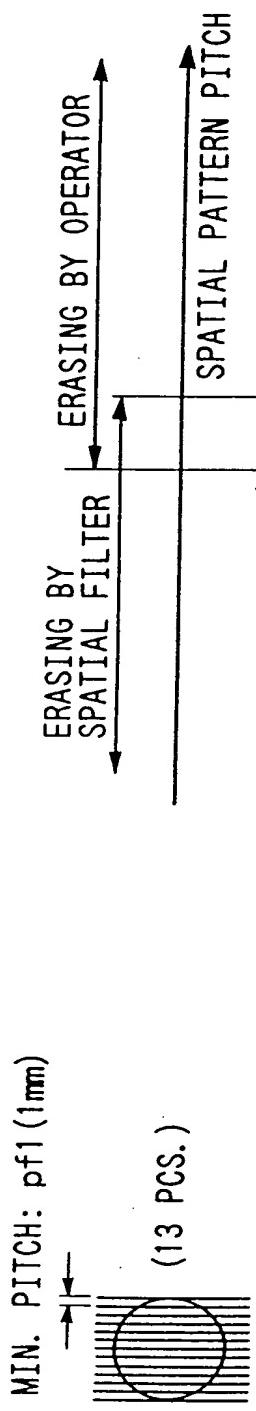
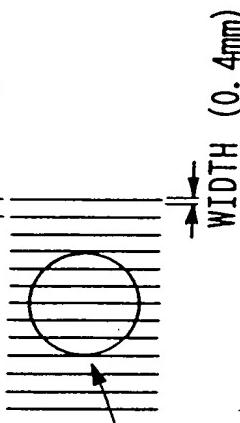


FIG. 36

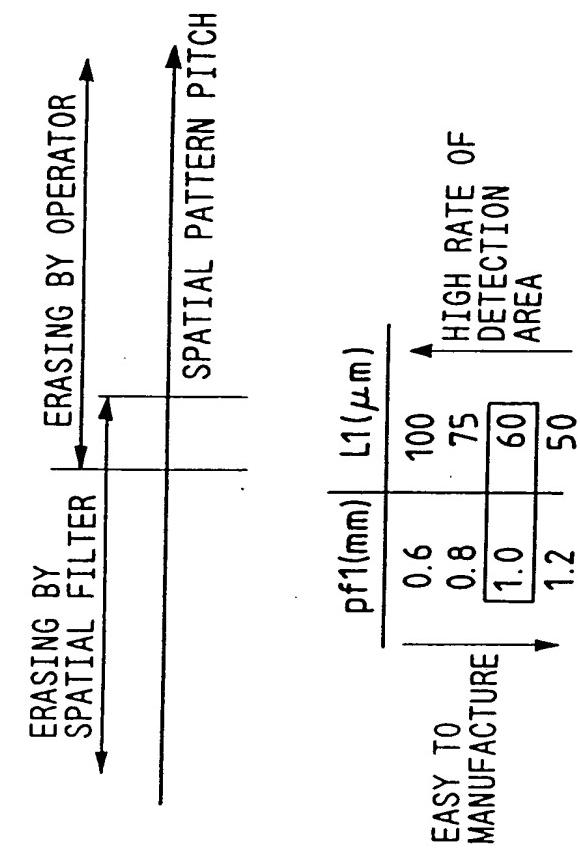


MAX. PITCH (2mm)  
-  $2 \cdot p_{f1}$



FOURIER TRANSFORM  
PLANE APERTURE :  $D_f$   
FOR EXAMPLE,  
AT N.A. = 0.08,  
 $D_f = \phi 12\text{mm}$ ,  
 $\lambda = 0.78\mu\text{m}$

FIG. 37



SCANNED, #24

FIG. 38

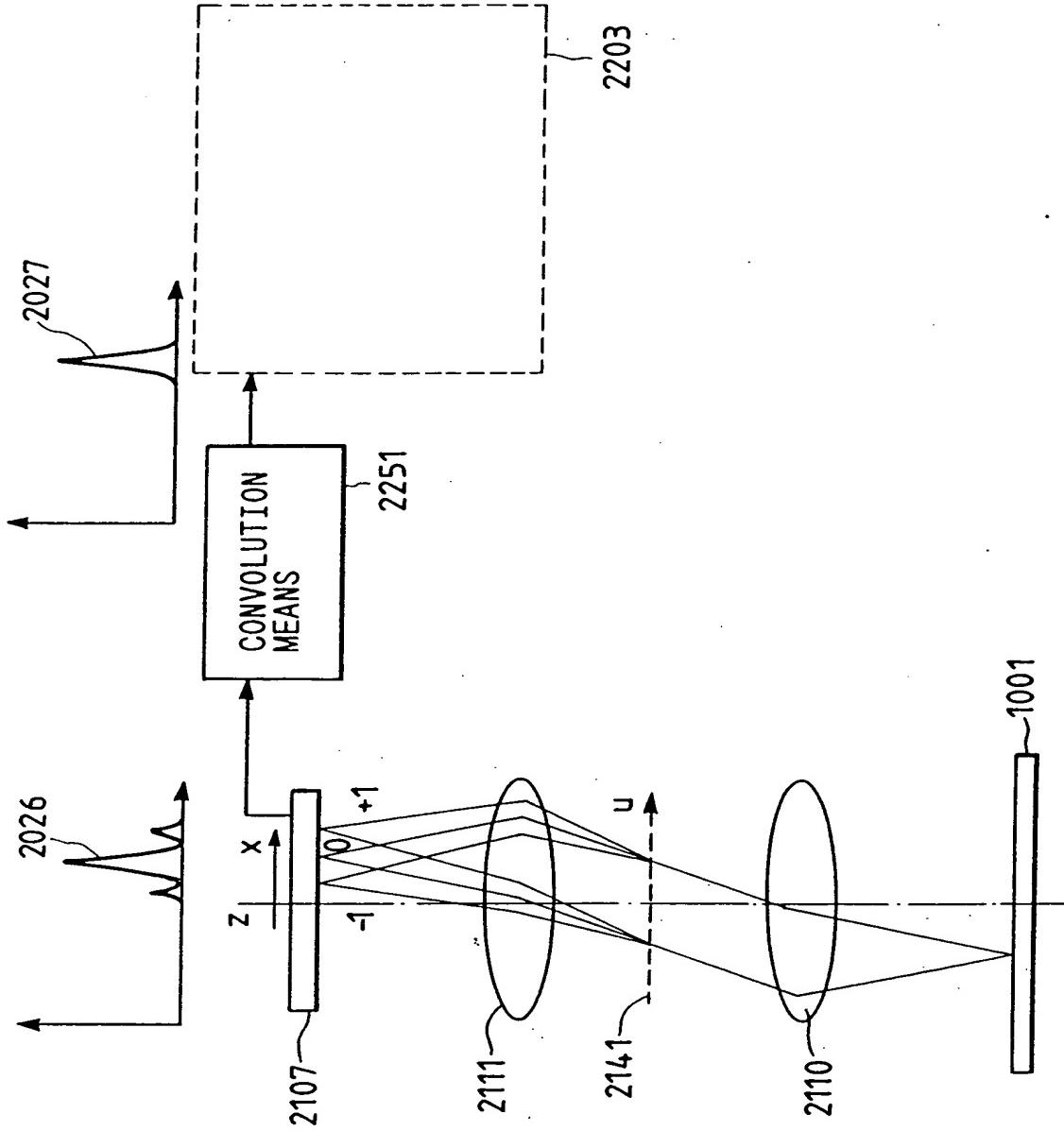


FIG. 39B

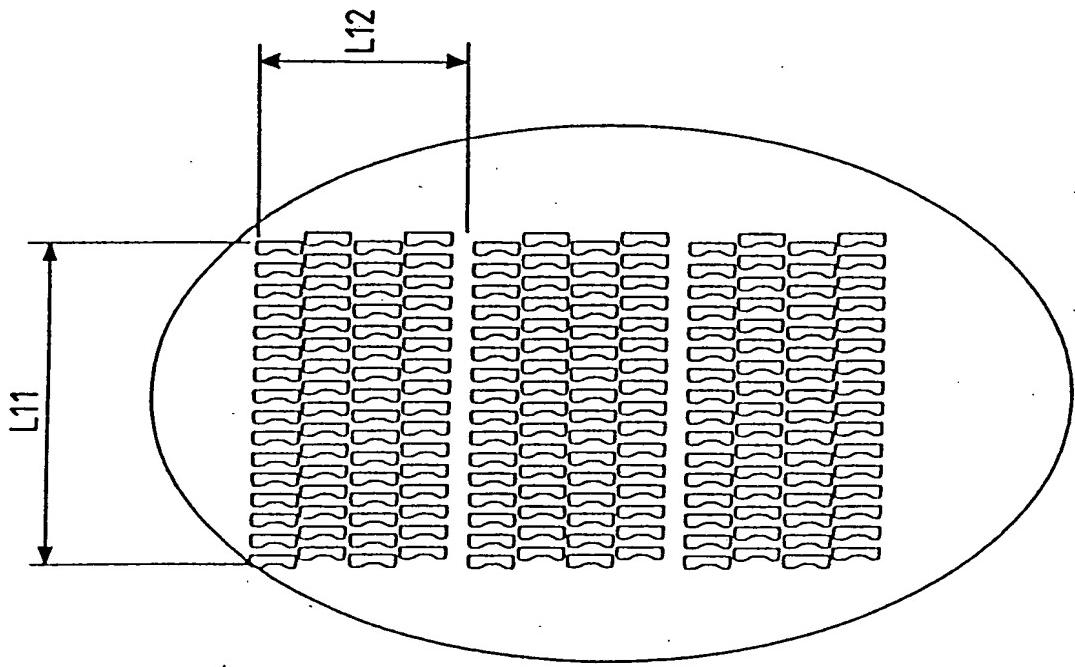
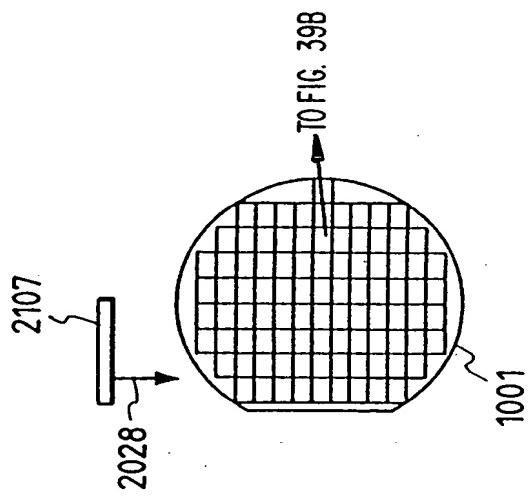
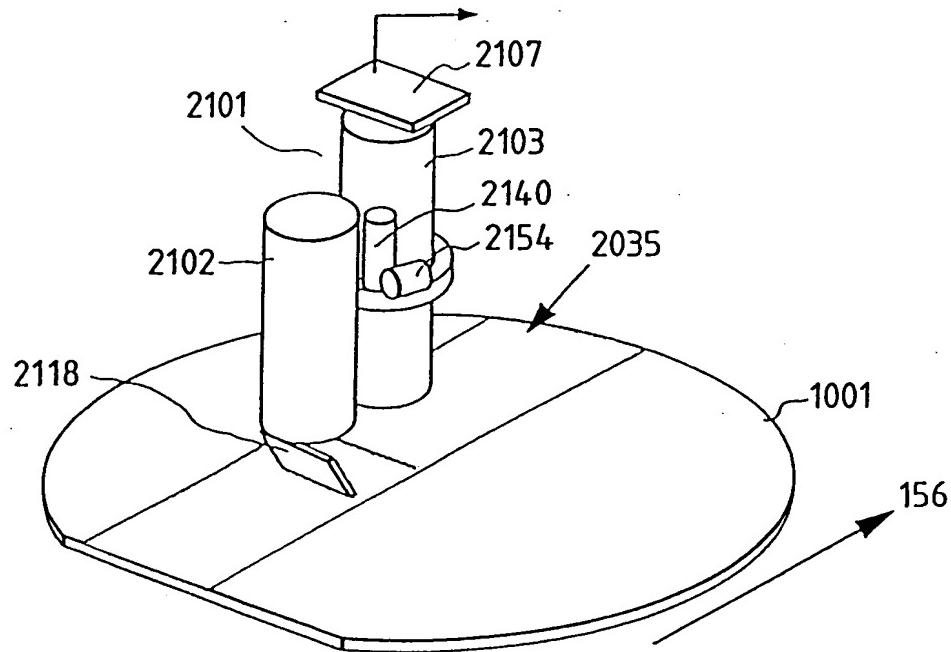


FIG. 39A



*FIG. 40*



*FIG. 41*

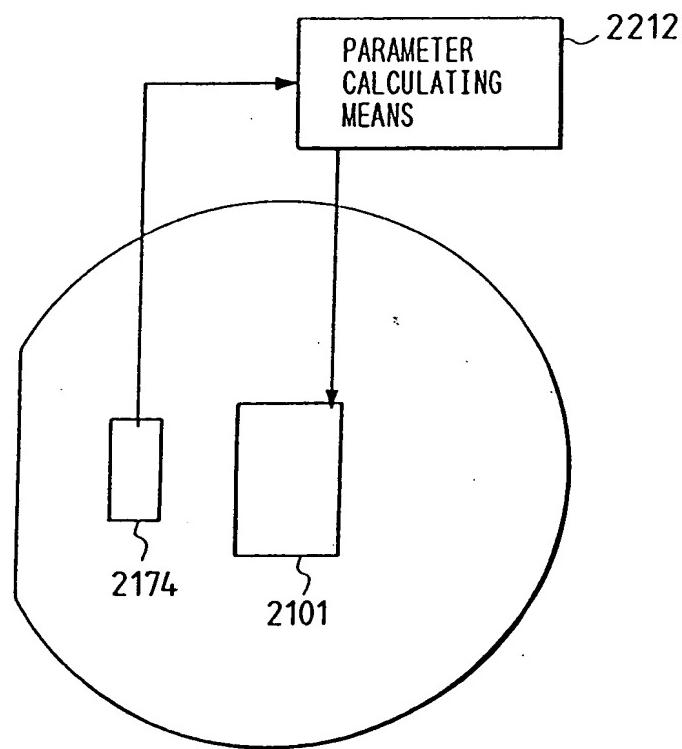


FIG. 42(a)

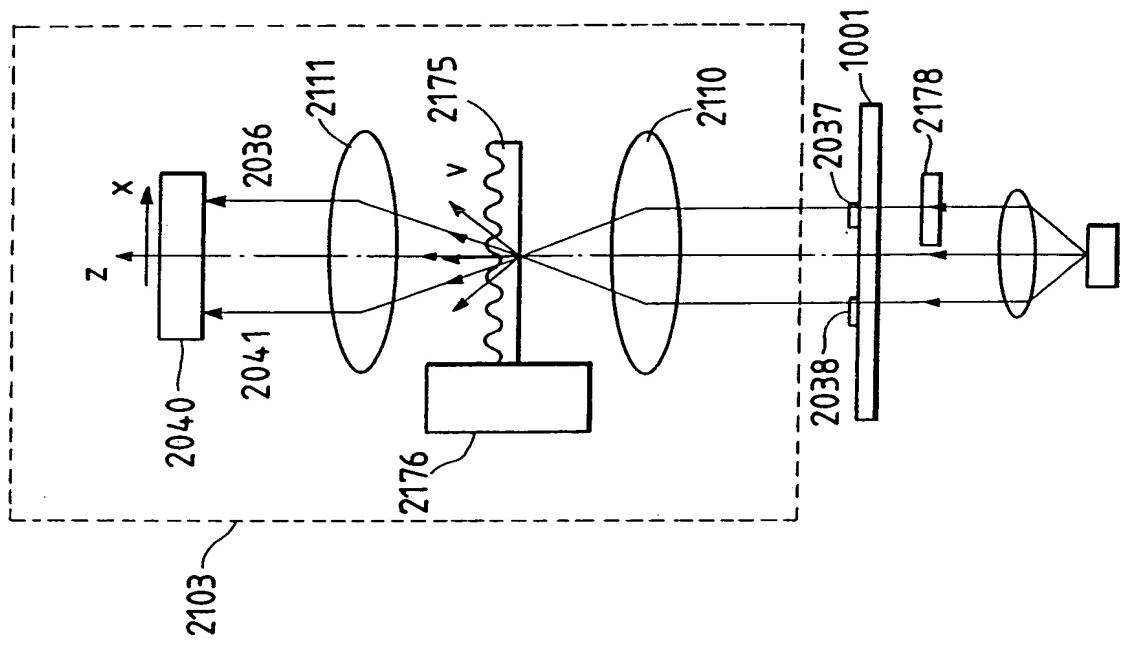


FIG. 42(b)

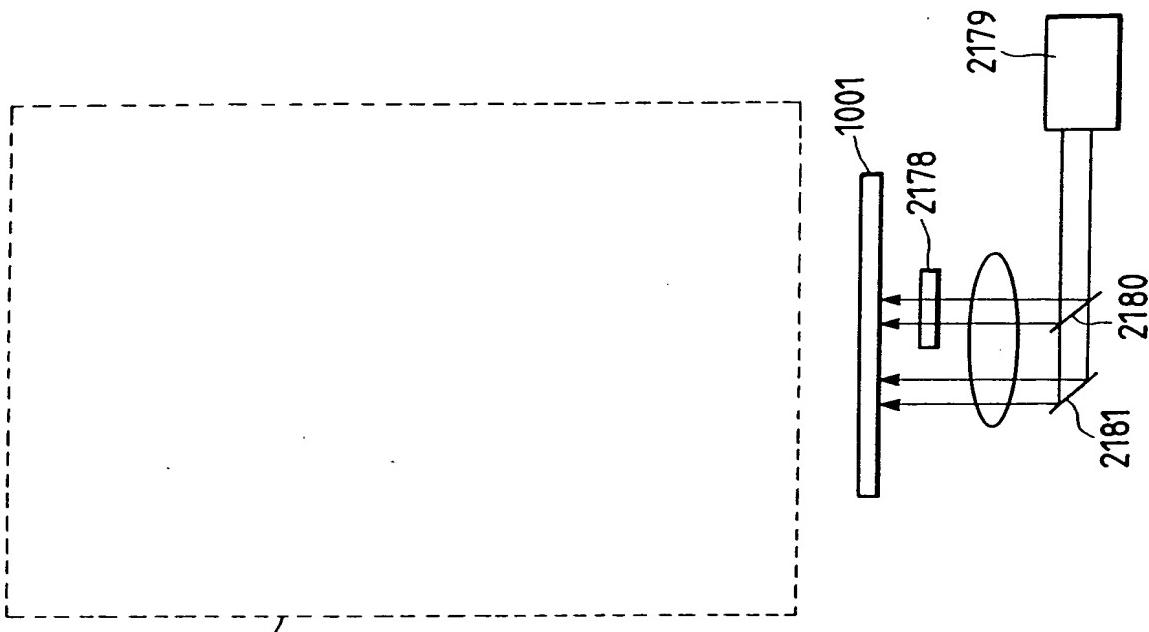


FIG. 43

